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Hand Delivered

April 30, 2003

Ms. Lynda Dorr
Secretary to the Commission
Public Service Commission of Wisconsin
610 North Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

Re: Compliance with Wis. Admin. Code § PSC 113.0607 05-GF-113

Dear Ms Dorr:

On August 1, 2000, Wis. Admin Code § PSC 113 – Service Rules for Electric Utilities (PSC 113) took effect. The revised PSC 113 contains a number of filing requirements including PSC 113.0607 (2)(b)6, which required each utility to file an Preventive Maintenance Plan.

On February 13, 2001, Northern States Power Company – Wisconsin's, d/b/a Xcel Energy, filed its Preventive Maintenance Plan. In a March 15, 2001, letter from Jim Loock of the PSCW, NSPW's Preventive Maintenance Plan was found to be in 'substantial compliance' with Wis. Admin. Code § PSC 113.0607. Also in the letter, a May 1, 2003, schedule was established for a compliance filing for showing implementation of the "Preventive Maintenance Plans" per PSC 113.0607 (2)(b)6.

Pursuant to Wis. Admin. Code § PSC 113.0607 (2)(b)6, enclosed for filing is a copy of NSPW's Compliance Filing for the company's approved Preventive Maintenance Plan.

If you have any questions regarding this report, please contact me at (608) 280-7301 or brian.r.zelenak@xcelenergy.com.

Respectfully,

Brian R. Zelenak
Manager, Regulatory Policy

c: Scott Cullen, PSCW w/o attachment
Internal Distribution

Preventative Maintenance Plan for Northern States Power – Wisconsin

d/b/a Xcel Energy, Inc.

Compliance Filing for
Wis. Adm. Code § PSC 113.0607(2)(b)6

May 1, 2003

Overview

Northern States Power – Wisconsin, d/b/a Xcel Energy, (NSP-W or the Company) submits to the Public Service Commission of Wisconsin, this report on maintenance plan compliance for the calendar years 2001 and 2002. This filing is our first submission made in compliance with Wis. Adm. Code § PSC 113.0607(2)(b)6, which requires utilities to submit to the Commission a periodic report demonstrating completion of the activities outlined in its preventative maintenance plan, as required by Wis. Adm. Code § PSC 113.0607(2)(b)5.

Since this is the Company's first compliance filing per this requirement and a set format and content has not been established, the Company views this document as fluid. We anticipate working with PSCW Staff to incorporate their feedback into subsequent versions. A cooperative working relationship will help synchronize expectations with deliverables.

Changes in Maintenance Activities

When the Company's Preventive Maintenance Plan was filed in early 2001, our maintenance was primarily on a *time-based system*; that is, maintenance was performed based on the time since the last maintenance. During the 2001-2002 timeframe, Xcel Energy initiated a change in maintenance philosophy. A transition is being made to a *condition-based system*, which incorporates regular assessments of equipment/facility condition (condition assessments). Corrective maintenance is then initiated on an as-needed basis.

This change has led to internal adjustments/deviations to the original Preventive Maintenance Plan as filed in 2001. For example, assessments were made of all 48 transmission substation transformer LTCs (load tap changers) to establish a baseline for the new program. Also, a Transformer Condition Assessment task was added which replaced the former Transformer Electrical Test task. Footnotes have been inserted in the following inspection schedules to highlight the transition to a condition-based maintenance system.

Based on this maintenance plan philosophy change from the time-based maintenance system incorporated in our 2001 Preventive Maintenance Plan approved by the PSCW, to the condition-based system, our approved maintenance plan is currently under review and is being updated to reflect this philosophy change. The Company anticipates re-filing a modified maintenance plan for 2003. Additionally, in conjunction with our philosophy change to a *condition based system*, efforts are underway internally to review our overall maintenance plans and develop a "best practices" condition based maintenance plan to be utilized in all of Xcel Energy's service territory. Once that plan is finalized, possibly in late 2003 or early 2004, the Company would file that plan for Commission approval in compliance with Wis. Adm. Code § PSC 113.0707(2)(b)5.

Completed Activities

The following four tables list our 'compliance' activities for 2001 and 2002 based on the estimated number of tasks we anticipated performing using the time-based maintenance approach and as filed in our February 2001 filing.

Distribution Substation Maintenance Activities

# of Tasks	Activities	Intervals	Completed Activities 2001	Completed Activities 2002
68-85	Battery Condition Assessment	Completed in the spring, yearly	85	37
68-85	Battery Inspection	Completed in the fall, yearly	See Note [1]	See Note [1]
24-31	Transformer Condition Assessment (1/6 of total of 182 transformers in WI)	Once every six years	See Note [2]	99
124-155	Transformer oil testing - oil testing for all transformers not receiving the condition assessment	Completed yearly	186	122
4	LTC Inspections (1/6 of total LTCs in WI)	Once every 6 years	4	See Note [3]
45-56	Breaker Condition Assessments (1/6 of total of 420 in WI)	Once every 6 years	18	47
150-187	Regulator Condition Assessments (1/6 of total of 560 in WI)	Once every 3 years	171	207
144-180	Substation Condition Assessments	Completed yearly	180	130
144-180	Substation Infrared Condition Assessments	Completed yearly	180	265

[1] The Battery Inspection Activity was combined with Battery Condition Assessment

[2] The Transformer Condition Assessment Activity was a new process in 2002. The equipment became available in February of 2002.

[3] Transformer Condition Assessments replaced this activity in 2002

Distribution Line Maintenance Activities

# of Tasks	Activities	Intervals	Completed Activities 2001	Completed Activities 2002
2	Auto-transfer switchgear maintenance	completed yearly	1	1
42-58	Field regulator condition assessment	once every 3 years	51	25
37-46	3 phase field recloser maintenance	once every 9 years	5	18
10	1 phase field reclosers maintenance	1/9 of total reclosers with greater than 100 customers	21	3
2	Infrared inspection of normal overload feeders	Yearly for feeders with normal overloads	0 (5)[4] 38[5]	1 (5)[4] 20[6]
1	Infrared inspection of 1st contingency feeder with 150% overload	yearly for feeders at risk	None existed.	1 (2)[4]

[4] First number indicates tasks completed. Number in parentheses indicates total normally or first contingency overloaded feeders.

[5] Additional feeders inspected in 2001 served Large Critical Accounts.

[6] Additional feeders inspected in 2002 based on circuit reliability performance

Transmission Substation Maintenance Activities

# of Tasks	Transmission Substation Activities for WI for 2001	Intervals for Inspections	2001 Activities Completed	2002 Activities Completed
77-96	Battery - Condition assessment testing in Spring and Inspection in Fall - 2X per yr.	twice a year – Spring is condition assessment and fall is general condition	50	72
47-59	Breaker condition assessments (1/6 from a total of 540 in WI)	1\6 or once every six years	61	100
44-55	Infrared condition assessments of 55 substations	Annually for all substations	7	66
3	LTC condition assessments (48 total number of transformers on a 6 yr. cycle)	Six year cycle	1	48[7]
1	LTC Upgrade (30 LTC transformers)	As needed by the manufacturer	None done[8]	2[8]
16	Relay and Carrier system testing for 16 (or 32 ends and 1/2 of bulk system) transmission lines	One half of the bulk transmission system or every other year	22	35
44-55	Substation condition assessment	Annually for all substations	55	74
15	Transformer Electric Test (6 year cycle – total 89)	1\6 annually or once every six years	3	See Note [9]
200-260	Transformer oil testing for 260 Tests	Annually	64	196
15	Transformer Relay Test (6 year cycle - total 89)	1\6 annually or once every six years	8	3
-	Transformer Condition[10] Assessment		See Note [10]	16

[7] Condition Assessments were performed on all 48 transformers in 2002 to establish a baseline for condition-based maintenance system.

[8] The number of LTC Upgrades needed is determined by the Condition Assessment process

[9] In 2002 the Transformer Electric Test was replaced by the Transformer Condition Assessment Task

[10] The Transformer Condition Assessment task was created in 2002 as part of Xcel Energy's change in maintenance philosophy to a condition-based system.

Transmission Line Maintenance Activities

Estimated # of Activities	Wisconsin Transmission Line Maintenance Plan	Intervals for Inspections	2001 Activities Completed	2002 Activities Completed
	Patrols of Transmission lines (four patrols annually)			
2,069 pole miles	1. Air Patrol helicopter inspections (pole miles @ 85% of total)	Annually	1,723 miles	1,723 miles
2,069 pole miles	2. Ground inspections (pole miles @ 85% of total)	Annually	208 miles[11]	218 miles[11]
4,138 pole miles	3. Patrols (3 and 4) of system by either helicopter patrol, fixed wing, and or ground patrol	Annually	18,784 miles	18,784 miles

Data Collection and Record Keeping

The data for 2001 was almost exclusively recorded on paper forms by field technicians and maintained in paper format. There are two exceptions where data was collected electronically:

Battery Inspections: Field technicians use laptops (running the Alber software) connected to test equipment, which is connected to the battery to run the tests and capture test data.

Transformer Relay Test and the Relay and Carrier system testing for transmission lines: Relay specialists performed the tests with Doble ProTest software running on laptops which ran the Doble relay test set (testing equipment) with the resulting test data electronically stored on the CAPE database. Prior to running the test, the relay specialist would download the correct settings from CAPE database to the laptop.

For 2001 activities, compilation of data for total tasks completed was done manually. Note, that while most records were in paper format, information on a piece of equipments' last inspection date and when it was due for future maintenance and inspection along a description of the task was maintained in a legacy computer system, MP2. However, MP2 did not capture any info collected about the equipment or the test results.

In 2002 Xcel Energy began using the Indus software Passport tool for Work Management and Planning of maintenance activities. This will lead to better tracking and access to maintenance activity records in the future. Also beginning in 2002, field technicians used laptops to record test data, thus significantly reducing if not eliminating paper records.

[11] The original language and mileage for ground inspections in the February 2001 filing was stated improperly. This section was referring to pole testing, which was to be 1/12th of the system yearly rather than 85% of total miles. 1/12th of system is approximately 200 pole miles.

Below is a summary of the data collection methods used in 2002:

Distribution Substation Maintenance – Data Collection

Activities	2002 Data Collection / Compilation
Battery Condition Assessment	Substation Battery Technician used laptops to record test data electronically on Alber software. New in 2002: data was loaded from laptop to a central file server.
Battery Inspection	Substation Battery Technician used laptops to record test data electronically on Alber software. New in 2002: data was loaded from laptop to a central file server.
Transformer Condition Assessment (1/6 of total of 182 transformers in WI)	Substation Electricians test apparatus and record/store data electronically on the Xcel shared drive.
Transformer oil testing - oil testing for all transformers not receiving the condition assessment	Substation Electricians send oil test to Xcel Energy test lab. Results are stored electronically and hard copy files.
LTC Inspections (1/6 of total LTCs in WI)	Substation Electricians test apparatus and record/store date electronically.
Breaker Condition Assessments (1/6 of total of 420 in WI)	Substation Electricians test apparatus and record/store date electronically.
Regulator Condition Assessments (1/6 of total of 560 in WI)	Substation Electricians test apparatus and record/store date electronically.
Substation Condition Assessments	Substation Electricians inspect the stations annually, record and store the data hard copy.
Substation Infrared Condition Assessments	Substation Electricians test apparatus and record/store date electronically

Distribution Line Maintenance – Data Collection

Activities	2002 Data Collection / Compilation
Auto-transfer switchgear maintenance	No documents
Field regulator condition assessment	Substation Electricians inspect the apparatus annually, record and store the data hard copy and electronically
3 phase field recloser maintenance	Substation Electricians inspect the apparatus and record and store the data hard copy and electronically.
1 phase field reclosers maintenance	Substation Electricians inspect the apparatus and record and store the data hard copy and electronically.
Infrared inspection of normal overload feeders	The contractor that conducted the inspections provided a completed list in paper format.
Infrared inspection of 1st contingency feeder with 150% overload	The contractor that conducted the inspections provided a completed list in paper format.

Transmission Substation Equipment Maintenance – Data Collection

Activities	2002 Data Collection / Compilation
Battery - Condition assessment testing	Substation Battery Technician records test data electronically on Alber software for record.
Breaker condition assessments	Substation Electricians test apparatus and record/store data electronically
Infrared condition assessments	Substation Electricians test apparatus and record/store data electronically
LTC condition assessments	Substation Electricians test apparatus and record/store data electronically
LTC Upgrade	Substation Electricians test/repair apparatus and store data electronically and hard copy.
Relay and Carrier system testing for transmission lines	Relay Specialist test the carrier and relay system with Doble ProTest software and store data electronically on CAPE database
Substation condition assessment	Substation Electricians inspect the stations annually, record and store the data hard copy
Transformer Electric Test	Substation Electricians test apparatus and record/store data electronically
Transformer oil testing	Substation Electricians send oil test to Xcel Energy test lab. Results are stored electronically and hard copy files
Transformer Relay Test	Relay Specialists test relay systems with Doble ProTest software and store data electronically on CAPE database.
Transformer Condition Assessment	Substation Electricians test apparatus and record/store data electronically on the Xcel shared drive

Inspection for Transmission Lines -- Data Collection

Activities	2002 Data Collection / Compilation
Air Patrol helicopter inspections	Contractor performing Fixed wing patrols faxes information /problems are entered into Maintenance database for prioritization, tracking, and assignment.
Ground inspections	Contractor performing ground line or pole testing sends hard copy information / problems are entered into Maintenance database for prioritization, tracking, and assignment.
Total Patrols of system by either helicopter patrol, fixed wing, and or ground patrol	Helicopter or Foot patrol information comes from inspector by hand written notations / problems are entered into Maintenance database for prioritization, tracking, and assignment.

Corrective Actions

In regards to corrective actions, the 2001 maintenance activities were primarily part of a time-based maintenance program where crews where sent out to check on specified equipment and perform corrective actions, as needed. Major overhauls were performed on nine LTCs and one regulator in 2001.

Items identified during transmission line inspections were entered into a maintenance database by transmission line maintenance staff. The database contains date, location of problem, who reported

the problem and a problem description and is used to prioritize, track and assign maintenance & repair tasks throughout the year. The report of problems reported and problems completed in 2001 and 2002 is voluminous and can be provided on CD if requested. Attached is a listing of the items *reported* during the 2001 and 2002 transmission line inspections and the items *completed* each year respectively

PROBLEMS REPORTED 2002 - WISCONSIN TRANSMISSION

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3101-0080	Pole Maintenance	MONITOR CONDITION OF LEFT POLE	DP	ENCLOSED POCKET 1x3x36 HIGH - CARPENTER ANTS	7/9/2002 8:01:16 AM
NSW3101-0081	Pole Maintenance	MONITOR CONDITION OF BOTH POLES	DP	WOODPECKER HOLES IN BOTH POLES - ENCLOSED POCKET & CARPENTER ANTS IN RIGHT POLE	7/9/2002 8:07:09 AM
NSW3101-0084	Pole Maintenance	MONITOR CONDITION	DP	MECHANICAL DAMAGE - RIGHT POLE EXCAVATED AND TREATED	7/9/2002 8:10:07 AM
NSW3101-0090	Pole Maintenance	REPAIR WITH WOODPECKER FILL	WH	2 HOLES IN BOTH POLES	7/9/2002 8:13:28 AM
NSW3101-0092	Pole Maintenance	REPAIR WITH WOODPECKER FILL	WH	2 HOLES IN RIGHT POLE AND 12 HOLES IN LEFT POLE	7/9/2002 8:13:28 AM
NSW3101-0093	Pole Maintenance	REPAIR WITH WOODPECKER FILL	WH	2 HOLES IN RIGHT POLE AND 12 HOLES IN LEFT POLE	7/9/2002 8:13:28 AM
NSW3101-0096	Pole Maintenance	REPAIR WITH WOODPECKER FILL	WH	2 HOLES IN RIGHT POLE	7/9/2002 8:13:28 AM
NSW3101-0211	Pole Maintenance	MONITOR CONDITION	DP	Right pole mechanical damage - Full Excavate and Treat.	7/22/2002 1:28:50 PM
NSW3101-0227		REPAIR WITH WOODPECKER FILL	WH	Lg hole 40' above grade. 17" dia, 8" opening, 11" depth & 16" pocket with WPK hole on back side with 9x4" opening, 11" depth without pocket.	5/30/2002 3:43:01 PM
NSW3101-0284	Pole Maintenance	MONITOR CONDITION	DP		7/22/2002 1:32:56 PM
NSW3102-0603	Transmission Line Crew	Change Out	SA	Center part of X-Brace through middle double is split	8/15/2002
NSW3102-0779		Replace all anchors and transfer guying	AP	2/5/02 TLC replaced 6 anchors, fiberglass strains, 25M guy wire	2/6/2002 1:25:35 PM
NSW3203-0050		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	THIS RECORD MADE IN ERROR	1/17/2002 2:52:58 PM
NSW3203-0060	Trans Construction	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	EAST PHASE	1/17/2002 2:46:16 PM
NSW3203-0115	Transmission Line Crew	Change out. Install TE 0102 E, 70/3 poles - reuse XA	DP-NR-P	LEFT POLE IS ROTTEN AND HOLLOW. Replace str to TE0102E, 70/2 poles	7/10/2002 10:38:21 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0296	Trans Construction	REPAIR WITH WOODPECKER FILL	WH		1/17/2002 2:46:16 PM
NSW3203-0358	Air Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	5/10/02 AP reported new tower. ANTENNA WARNING SIGNS INSTALLED AT 354 AND 361	5/13/2002 1:16:22 PM
NSW3206-0050-A	La Crosse Troubleman	CHANGE OUT	IN	FAILED INSULATOR CAUSED TRIP ON LINE	2/8/2002 7:03:12 AM
NSW3207-0138	Air Patrol	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	DIDN'T GIVE PHASE	2/14/2002 7:49:02 AM
NSW3209-0373	Baldwin Troubleman	REPAIR WITH WOODPECKER FILL	WH	Installed 6 lbs of fill	6/10/2002 1:47:25 PM
NSW3209-0392		REPAIR WITH WOODPECKER FILL	WH	Installed 2 lbs of fill	6/10/2002 1:47:25 PM
NSW3209-0406		REPAIR WITH WOODPECKER FILL	WH	Installed 12 lbs of fill	6/10/2002 1:47:25 PM
NSW3209-0500		REPAIR WITH WOODPECKER FILL	WH	Installed 35 lbs of fill & 27' of screen	6/10/2002 1:47:25 PM
NSW3209-0500	St Croix Falls Crew	REPAIR WITH WOODPECKER FILL	WH	Todd Bergman reported large hole 15' below bottom phase is: 9" long, 12" wide and 24" deep. Pole has been repaired before. Recommends wire cloth installed. FILLED AND SCREENED	3/11/2002 10:15:33 AM
NSW3209-0585	Amery Troubleman	Replace broken bells	IN	Crew replace 5 bells on Top ph	4/30/2002 2:00:09 PM
NSW3215-0001		Annually or as required: change two single OB at Red Cedar substation East & West static spikes, (4 bulbs)	LR	== Do not close out this problem == Obstruction bulb cat# 0000106406	2/12/2002 1:14:06 PM
NSW3215-0039	Transmission Inspector	INSTALL NEW	DH	Roeder reported only one set of x-lace on str. Two required for 80' H-frame.	5/21/2002 4:00:06 PM
NSW3215-0040	Transmission Inspector	INSTALL NEW	DH	Roeder reported only one set of x-lace on str. Two required for 80' H-frame.	5/21/2002 4:00:06 PM
NSW3215-0058	Transmission Line Crew	Monitor Condition	DA	Double D.E. Arm - 3' x 2" Missing. Recheck in 5-7 Years	7/24/2002

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3302-0023		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI		6/7/2002 4:18:03 PM
NSW3303-0552	Air Patrol	REPAIR	DH	LOOSE X-BRACE	2/14/2002 7:49:02 AM
NSW3304-0904		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN		3/28/2002 2:06:59 PM
NSW3304-0949		MONITOR CONDITION	DB	Troubleman reported brace hit by brush hog	3/28/2002 12:42:08 PM
NSW3304-1063	Hudson Troubleman	CHANGE OUT	DP	4/1/02 Haffenbredl reported pole at waterline is mushroomed due to ice damage.	5/21/2002 3:53:32 PM
NSW3304-1064-A	Helicopter Patrol	Either move bands down or replace pole	RP	Pole top rot reported by helicopter	6/10/2002 12:39:46 PM
NSW3305-0010	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0011	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0012	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0015	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0118	Air Patrol	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	DIDN'T GIVE PHASE	2/14/2002 7:49:02 AM
NSW3305-0414	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0415	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0416	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0417	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0418	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0419	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3305-0420	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0421	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0422	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0423	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0424	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0425	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0426	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0427	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0428	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0429	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0430	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0431	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0432	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0433	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0434	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0435	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0436	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3305-0437	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0438	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0439	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0440	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0441	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0442	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0443	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0444	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0445	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0446	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0447	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0448	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0449	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0450	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0451	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0452	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0453	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3305-0454	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0455	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0456	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0457	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0458	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0459	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0460	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0461	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3305-0462	Abbotsford Crew	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/15/2002
NSW3309-0120		Annually or as required: change two single OB at mid tower & on DBL beacon at tower top	LR	== Do not close out this problem == Beacon bulb cat# 0000190833; Obstruction bulb cat# 0000106406	2/12/2002 1:14:06 PM
NSW3315-0123	Transmission Line Crew	REINFORCE60' POLE WITH WOOD STUB	DP	6/27/02 TLC reported S pole - ants very bad. Drilled 5 test holes. Honeycombed to 5' above grd. MITC in 1993, internal decay.	7/17/2002 12:26:33 PM
NSW3315-0138		REPAIR	WH	1 Large Hole - 8 lbs	6/21/2002 8:09:47 AM
NSW3315-0155		ADJUST	SO	Infra-Red 3/16/02 shows hot; Duplicate to 20011291	4/10/2002 2:29:53 PM
NSW3317-0039	Air Patrol	Remove tree leaning on down guy	DT	1/02 Air Patrol reported tree on down guy	1/25/2002 7:53:43 AM
NSW3320-0028	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0043	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3320-0118	Osmose	REPAIR	GW	BROKEN GROUND WIRE ON RIGHT POLE	6/26/2002 10:09:24 AM
NSW3320-0121	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 1 1/2" to 3" shell	6/25/2002 2:41:46 PM
NSW3320-0122	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - Less than 2" shell	6/25/2002 2:41:46 PM
NSW3320-0188	Osmose	REPAIR	GW	BROKEN GROUND WIRE ON LEFT POLE	6/26/2002 10:09:24 AM
NSW3320-0193	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - Less than 2" shell	6/25/2002 2:41:46 PM
NSW3320-0196	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 1 1/2" - 3" SHELL	6/25/2002 2:41:46 PM
NSW3320-0199	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0202	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0210	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0228	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0231	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Heart Rot - 2" Shell	6/25/2002 2:41:46 PM
NSW3320-0234	Osmose	MONITOR CONDITION	DP	MECHANICAL DAMAGE 5 X 2 1/2	6/26/2002 10:05:24 AM
NSW3401-0441	Transmission Line Crew	Pole needs review after 445 reanchoring	LS	1/23/02 Roeder reported str needs review when tensions are corrected at 445. Possible adjustment to 441 may be required. Posts have walk on one side. Posts adjusted	1/24/2002 8:04:17 AM
NSW3401-0442	Transmission Line Crew	Pole needs review after 445 reanchoring	LS	1/23/02 Roeder reported str needs review when tensions are corrected at 445. Possible adjustment to 442 may be needed. Note slack static down guy. Posts have walked 8". Down guy tightened	1/24/2002 8:04:17 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3401-0443	Transmission Inspector	MONITOR CONDITION	LS	1/02 Roeder reported leaning 12" East & conductor additional 4" East	1/23/2002 8:52:13 AM
NSW3401-0445	Transmission Inspector	Replace anchors & plumb str	LS	1/02 Roeder reported leaning 18" Southwest. TLC installed 4 new anchors to N & pulled pole back	1/23/2002 8:52:13 AM
NSW3401-0445-A	Transmission Inspector	Replace anchors & plumb str	LS	1/02 Roeder reported leaning 12" East. Ditto 445	1/23/2002 8:52:13 AM
NSW3401-0446	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 14" Southwest. TLC report pole plumbed itself when dead-ends pulled back.	1/23/2002 8:52:13 AM
NSW3401-0447	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported conductors misalighned. Might true up when corners pulled back. TLC moved shoes	1/23/2002 8:52:13 AM
NSW3401-0454	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/23/2002 8:03:08 AM
NSW3401-0455	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/23/2002 8:47:55 AM
NSW3401-0456	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/23/2002 8:47:55 AM
NSW3401-0457	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/23/2002 8:52:13 AM
NSW3401-0458	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 12" West, bowed	1/23/2002 8:52:13 AM
NSW3401-0459	Transmission Inspector	RESET POLE	LS	1/02 Roeder reported leaning 8" inline.	1/23/2002 8:52:13 AM
NSW3402-0119	Air Patrol	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	7/2/02 reported broken insulator	7/5/2002 4:14:47 PM
NSW3403-0092-A	Ralph Melgard	Remove OVHD guy pole from clear zone	BP	12/17/01 Truck left Hwy 10 and hit OVHD guy pole. This was the second time this pole hit. Rockwell engineered anchoring within easement off str 92. Pole & OHVD removed by Abbotsford crew.	2/25/2002 4:13:16 PM
NSW3403-0672	Air Patrol	Monitor condition of charred pole	PF	7/2/02 reported	7/5/2002 4:14:47 PM
NSW3404-0010	Transmission Inspector	CHANGE OUT TC0301 55/3	PT	4/18/02 Roeder reported pole top split to top post - pole top hollow. Pole replaced with maint. Pole	4/18/2002 3:42:42 PM
NSW3405-0116	Customer	Replace broken brace	DB	4/18/02 SysOp reported customer called in brace on z-arm str hanging parallel with the pole. Henry sent to review.	4/18/2002 3:42:42 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3406-0052	Transmission Line Crew	Monitor Condition	DA	Recheck Top Arm in 3 years	8/26/2002
NSW3408-0132	Pole Maintenance	REINFORCE WITH STEEL TRUSS	DP-RR-P	Priority Pole - Rejected	4/18/2002 2:29:40 PM
NSW3408-0133	Pole Maintenance	REINFORCE WITH STEEL TRUSS	DP-RR-P	Priority Pole - Rejected	4/18/2002 2:29:40 PM
NSW3408-0193	Pole Maintenance	Reinforce Pole With longer Steel Truss	DP-RR	Pole is reinforced with steel but recommend a longer piece of steel.	12/16/2002 10:40:44 AM
NSW3408-0202	Pole Maintenance	Change Out	DP-NR-P	Pole is reinforced with wood stub. Recommend pole be changed out due to large external pocket.	12/16/2002 10:40:44 AM
NSW3408-0365	Pole Maintenance	Reinforce With Steel Truss or Change out	DP-RR	Pole is reinforced with wood stub. Pole is reinforceable at 26". No shell at 15"	12/16/2002 10:40:44 AM
NSW3408-0456	Pole Maintenance	Change Out or Evaluate for Reinforcement	DP-RR	Left Pole has been tagged for reinforcement - Large Woodpecker hole, Pole is hollow.	12/16/2002 10:40:44 AM
NSW3408-0590	Pole Maintenance	Reinforce Right Pole With Longer Steel Truss	DP-RR	Pole previously reinforced. Requires longer piece of steel. Reinforceable at 26" No shell at 15"	12/16/2002 10:40:44 AM
NSW3409-0203	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported DBL DE N center/bottom have black dots on corona rings on both ends	5/23/2002 8:48:20 AM
NSW3409-0205	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported Top/Center flashed	5/23/2002 8:48:20 AM
NSW3409-0207	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported small weld mark on C ph mounting bracket	5/23/2002 8:48:20 AM
NSW3409-0213	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported T flashed & rod splattered	5/23/2002 8:48:20 AM
NSW3409-0214	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center/bottom flashed	5/23/2002 8:48:20 AM
NSW3409-0215	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center/bottom have weld spots	5/23/2002 8:48:20 AM
NSW3409-0218	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported bottom flashed, splattered rod	5/23/2002 8:48:20 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3409-0225	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported top/bottom flashed, center rod splattered	5/23/2002 8:48:20 AM
NSW3409-0227	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center flashed, rod splattered	5/23/2002 8:48:20 AM
NSW3409-0228	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center flashed, rod splattered	5/23/2002 8:48:20 AM
NSW3409-0230	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported all flashed, all rod splattered	5/23/2002 8:48:20 AM
NSW3409-0233	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported bottom ph has possible weld mark on bracket	5/23/2002 8:48:20 AM
NSW3409-0235	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported top/center ph flashed, bottom ph possibly flashed. Rod on top ph splattered	5/23/2002 8:48:20 AM
NSW3409-0243	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center ph possible weld mark on bottom of mounting bracket	5/23/2002 8:48:20 AM
NSW3409-0244	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported bottom ph possibly flashed - white streak across skirts	5/23/2002 8:48:20 AM
NSW3409-0245	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported top ph flashed, rod is splattered	5/23/2002 8:48:20 AM
NSW3409-0246	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported bottom ph flashed, rod is splattered; top ph looks flashed. Pole top looks burnt at ground wire near pole top.	5/23/2002 8:48:20 AM
NSW3409-0247	Eau Claire Troubleman	5/21/02 inspection shows flash burns on insulators	FI	Troubleman reported center ph bottom of bracket has possible weld mark.	5/23/2002 8:48:20 AM
NSW3409-0299	Augusta Troubleman	Verify damage to pole	PF	7/26/02 System reported pole fire; Traphagen reviewed pole, but could not determine damage to polymer insulation. Roeder called in on OT to review. Roeder reported pole is burnt top to bottom. All posts opposite heat and were determined ok. Line re-energized.	7/29/2002 12:26:16 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3410-0120	Air Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID		2/14/2002 7:49:02 AM
NSW3412-0083	Transmission Inspector	Replace bottles, install containment frame, replace missing / damaged hardware @ Herbert Switch.	SO	3/11/02 Roeder reported switch problems @ 4E316 & 315.	3/28/2002 12:57:46 PM
NSW3415-0323		Repair stranded conductor - easy access (65' bucket)	DC		7/15/2002 6:54:23 AM
NSW3418-0172	Customer	Repair & screen pole; twist off torque heads on dampers	WH	Property Owner called in to report a nesting woodpecker in back yard. 7/2/02 Roeder reported 5 holes within 7'. Major nest 18" deep, 6" dia & 4.5" front door. Note: dampers have torque heads still on. Tighten till they twist.	6/20/2002 11:12:40 AM
NSW3418-0366	Abbotsford Troubleman	REPLACE GUY GUARDS	GG	Guy guards damaged due to grass fire.	5/9/2002 10:52:40 AM
NSW3418-0366	Air Patrol	MONITOR CONDITION	PF	5/8/02 Mark Calmes review damage. Landowner set fire to grass surrounding pole. Contacted R Flynn requesting landowner contact to stop burning.	5/9/2002 10:52:40 AM
NSW3419-0202	Transmission Line Crew	REPAIR WITH WOODPECKER FILL	WH	1 holes, 3lbs	6/26/2002 12:12:09 PM
NSW3419-0203	Transmission Line Crew	REPAIR WITH WOODPECKER FILL	WH	2 holes, 6lbs & 11 sheets of wire mesh	6/26/2002 12:12:09 PM
NSW3419-0601		REPAIR	BA	Steve Secrist report bottom xa broke @ through-bolt. Pole burned from cond contact. Roeder and Szymoniak repair bottom xa same day.	7/5/2002 9:55:39 AM
NSW3419-0627	Tree Clearing Crew	Needs structure analysis before making	PT	Roeder investigated static hanging by ground wire. Pole top rotten for 18+ inches. Ants nesting in pole. Uplift - no problem is static lets go.	8/7/2002 5:10:31 PM
NSW3421-0111		REPAIR	GW	6/12/02 AP reported loose pole grd.	7/15/2002 7:08:54 AM
NSW3421-0142	Transmission Line Crew	Monitor Condition	DP	Left Pole has Carpenter Ants. Lots of sawdust around pole.	7/3/2002
NSW3421-0236	Transmission Line Crew	CHANGE OUT	BP	Crew found 236 leaning and twisted in steel trust. Good wind will bring it down.	7/3/2002 4:38:18 PM
NSW3422-0045	Transmission Inspector	CHANGE OUT	PS	USE MAINTENANCE POLE/ WILL NEED A SHORTER POLE	3/6/2002 8:43:41 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0045	Transmission Inspector	Location & age of line being studied as relocate/rebuild	SR	Line is shell rot and house construction prior to 1979 code	3/6/2002 8:43:41 AM
NSW3422-0046	Transmission Inspector	CHANGE OUT	SR	USE MAINTENANCE POLE	3/6/2002 8:43:41 AM
NSW3422-0047	Transmission Inspector	Location & age of line being studied as relocate/rebuild	DP	Line is shell rot and house construction prior to 1979 code	3/11/2002 9:38:05 AM
NSW3422-0048	Transmission Inspector	Location & age of line being studied as relocate/rebuild	DP	Line is shell rot and house construction prior to 1979 code	3/11/2002 9:38:05 AM
NSW3422-0059	Transmission Inspector	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/11/2002 7:54:05 AM
NSW3422-0060	Transmission Inspector	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/11/2002 7:54:05 AM
NSW3422-0061	Transmission Inspector	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/11/2002 7:54:05 AM
NSW3422-0062	Transmission Inspector	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/11/2002 7:54:05 AM
NSW3429-0166	System Operator	REINFORCE WITH WOOD STUB	BP	truck hit pole, local forces installed stub. Reported back that pole is good for 10 years.	3/22/2002 12:01:09 PM
NSW3431-0153	Amery Troubleman	Install repair rod, or full tension sleeve on stranded shield wire	DC	Shield unraveling 40' North of str 153 per Eric Larson; crew installed repair rods	3/22/2002 12:11:17 PM
NSW3431-0158	Air Patrol	CHANGE OUT POST INSULATOR HORIZONTAL	IN	NO PHASE GIVEN; crew replaced top post	3/22/2002 12:11:17 PM
NSW3431-0159	Amery Troubleman	CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larson reported all posts damaged; crew replaced all	3/22/2002 12:11:17 PM
NSW3431-0232	Amery Troubleman	VERIFY	PF	Larson reported marks on post(s); crew replaced 1 post	3/22/2002 12:11:17 PM
NSW3432-0107		Replace XA & post insulation. Install missing ground wire.	IN	LAX crew reported XA damaged due to cracked post. Grd wire missing from lower arcing horn to distribution neutral.	3/22/2002 1:29:22 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3437-0176-18	SEL Relay	REPAIR OPERATING COLLAR & CALL SYSOP WHEN COMPLETED	SO	After further inspection the crew found a broken bolt in the linkage causing the operating; Roeder replaced 3/8" stainless stel capscrew & brace bushing found on grd. collar not to be engaged. 8/23/02 SysOp Report: After further inspection the crew found a broken bolt in the linkage causing the operating collar not to be engaged. Before switching the MOD 4L159 operating collar was found in the dis-engaged position. Left on manual, dis-engaged h/c for e.c. disp.	8/26/2002 9:27:26 AM
NSW3440-0032		Annually or as required: change two single OB at pole top	LR	== Do not close out this problem == Obstruction bulb cat# 0000106406	2/12/2002 1:14:06 PM
NSW3440-0033		Annually or as required: change two single OB at pole top	LR	== Do not close out this problem == Obstruction bulb cat# 0000106406	2/12/2002 1:14:06 PM
NSW3441-0052	Pole Maintenance	Change Out	DP-NR-P	Change out Pole and Stub pole.on this structure.	12/16/2002 10:40:44 AM
NSW3451-0007		Annually or as required: change two single OB at mid tower & on DBL beacon at tower top	LR	== Do not close out this problem == Beacon bulb cat# 0000190833; Obstruction bulb cat# 0000106406	2/12/2002 1:14:06 PM
NSW3453-0005-A	Osmose	CHANGE OUT	DP-NR	Non-Reinforceable Pole	4/17/2002 2:25:34 PM
NSW3472-0111	Air Patrol	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	6/17/02 AP found broken insulator	7/15/2002 6:44:06 AM
NSW3477-0006	Air Patrol	REMOVE	AD	3/16/02 AP reported protector broken	3/20/2002 3:50:08 PM
NSW3477-0242-A	Transmission Inspector	Install compress spades only if sw show hot	SO	2/19/02 Roeder reported mechanical clamps on ABChance switch are 6 bolt. No need to install compression unless switch shows hot.	2/25/2002 9:28:47 AM
NSW3484-0071	Transmission Inspector	Repair 1 large hole in E pole	WH		2/5/2002 1:54:43 PM
NSW3492-0046	Ladysmith Troubleman	Repair With I-Foam	WH	1/29/02 Burch reported WPK activity near City Forest Sub NUMEROUS HOLES	1/29/2002 8:18:53 AM
NSW3492-0047	Ladysmith Troubleman	Repair With I-Foam	WH	1/29/02 Burch reported WPK activity near City Forest SubNUMEROUS HOLES	1/29/2002 8:19:39 AM
NSW3604-0825	Air Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	3/16/02 AP reported new tower near line.	3/20/2002 3:50:08 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3605-0041		Change out structure	RP	7/11/02 Haffenbredl report pole should be replaced. Installed 40' str.	9/11/2002 11:09:11 AM
NSW3605-0052		Change out structure - 45' pole	RP	7/11/02 Haffenbredl report pole is split & rotted. Dist crossing. Tangent tramp str. Installed 45' str	9/11/2002 11:13:09 AM
NSW3611-0014	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0041	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections amd 2 Polymer Horizontal Insulators	10/11/2002
NSW3611-0046	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections. Tightened downguys	10/11/2002
NSW3611-0082	Helicopter Patrol	Repair With I-Foam	WH	Filled 2 holes with 4 lbs fill	10/11/2002
NSW3611-0120	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections.	10/11/2002
NSW3611-0121	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections.	10/11/2002
NSW3611-0126	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections and (2) 69 KV Polymer Insulators	10/11/2002
NSW3611-0139	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0145	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0146	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0147	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0148	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections amd 2 Polymer Horizontal Insulators	10/11/2002
NSW3611-0157	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0157	Transmission Line Crew	Monitor Condition	DP	Pole is honeycombed by bottom conductor. Recommend a Recheck in 4 years	11/19/2002
NSW3611-0158	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3611-0174	Helicopter Patrol	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	10/11/2002
NSW3611-0177	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/11/2002
NSW3611-0180	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and 1 insulator	10/11/2002
NSW3611-0200	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/11/2002
NSW3611-0206	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/11/2002
NSW3611-0248	Park Falls Troubleman	CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larry Robers reported field post broken	1/31/2002 10:57:37 AM
NSW3611-0259	Helicopter Patrol	Change Out	FI	Changed out 2 Flashed Insulators - 69 KV Polymer Insulators	10/11/2002
NSW3611-0275	Helicopter Patrol	Change Out	AD	Installed new arrestor, insulator, groundwire, ground rod and connections	10/11/2002
NSW3611-0283	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/11/2002
NSW3611-0298	Park Falls Troubleman	CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larry Robers reported road post broken, replaced	1/31/2002 10:57:37 AM
NSW3611-0300	Helicopter Patrol	Change Out	AD	Installed new arrestor, insulator, groundwire, ground rod and connections	10/11/2002
NSW3611-0347	Park Falls Troubleman	CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larry Robers reported road post broken	1/31/2002 10:57:37 AM
NSW3611-0352	Park Falls Troubleman	CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larry Robers reported field post broken	1/31/2002 10:57:37 AM
NSW3611-0366	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and (2) 69KV Polymer Post Insulators	10/11/2002
NSW3611-0375	Helicopter Patrol	Change Out	AD	Installed (2) 69KV Polymer Post Insulators	10/11/2002
NSW3611-0383	Helicopter Patrol	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and (1) Horizontal Post Insulator	10/11/2002
NSW3622-0014	Air Patrol	TIGHTEN GUY WIRE	GU	3/16/02 AP reported slack down guy	3/20/2002 3:50:08 PM

Equip No	*Originator*	*Task*	*Prob Code:*	*Prob Comments*	*Date Assigned*
NSW3622-0167	Transmission Inspector	CHANGE OUT POST INSULATION	IN	Center & East post replaced	5/30/2002 3:38:58 PM
NSW3622-0168	Transmission Inspector	CHANGE OUT POST INSULATION	IN	West post replaced	5/30/2002 3:38:58 PM

PROBLEMS COMPLETED 2002 - WISCONSIN TRANSMISSION

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3101-0084		MONITOR CONDITION	DP	MECHANICAL DAMAGE - RIGHT POLE EXCAVATED AND TREATED	4/13/2002
NSW3101-0101		REPAIR WITH I-FOAM	WH	97 HELO REPORTED WOODPECKER HOLES- 99 HELO REPORTED 3 MED HOLES; 2 holes, 2 lbs	8/28/2002
NSW3101-0104	Transmission Line	REPAIR WITH I-FOAM	WH	FILLED 2 HOLES WITH 2 LBS FILL	12/11/2002
NSW3101-0109		MONITOR CONDITION	DC	Damaged Conductor; Mackie reported no damage	8/29/2002
NSW3101-0211		MONITOR CONDITION	DP	Right pole mechanical damage - Full Excavate and Treat.	7/22/2002
NSW3102-0477		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; one hole, 3 lbs	4/4/2002
NSW3102-0478		REPAIR WITH I-FOAM	WH	Filled 11 holes with 51 lbs; installed 19 sheets of screen	4/4/2002
NSW3102-0480		REPAIR WITH I-FOAM 6 MED WP HOLES	WH	REPAIR WITH I-FOAM 6 MED WP HOLES; filled 4 holes, unknown quantity; installed screen over area damaged	4/4/2002
NSW3102-0599		REPAIR WITH I-FOAM 2 MED WP HOLES	WH	REPAIR WITH I-FOAM 2 MED WP HOLES; TLC filled S pole 3 holes, 6 lbs	4/4/2002
NSW3102-0601		VERIFY	XX	VERIFY; crew found no problem.	8/15/2002
NSW3102-0637		INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	ANTENNA SIGNS ON STRS. 634 & 640 WERE INSTALLED 9/27/95! Signs are ok!	7/25/2002
NSW3102-0639		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; 2holes, 10lbs	7/25/2002
NSW3102-0691		REPAIR WITH I-FOAM	WH	AGAIN; 4 holes, 4 lbs	7/25/2002
NSW3102-0699		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM - Pole to be replaced under RO 200111331	7/25/2002
NSW3102-0717		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; 9 holes, 14 lbs	8/15/2002
NSW3102-0719		UNSPECIFIED ASSIGNMENT	RW	OLD ARM ON R/W; crew removed pieces of xa left over from modification project	8/15/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3102-0779	Transmission Line	Replace all anchors and transfer guying	AP	2/5/02 TLC replaced 6 anchors, fiberglass strains, 25M guy wire	2/5/2002
NSW3102-0807		INSTALL NEW	GG	1 GUY GUARD MISSING	8/14/2002
NSW3203-0045		REMOVE	FO	ON STATIC BETWEEN 45-46 - ribbon removed	7/16/2002
NSW3203-0050		REPAIR WITH I-FOAM	WH		7/16/2002
NSW3203-0050		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	THIS RECORD MADE IN ERROR	1/17/2002
NSW3203-0055		REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	7/16/2002
NSW3203-0060	Trans Construction	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	EAST PHASE	10/23/2002
NSW3203-0070		REMOVE OBJECT	FO	AP reported string on tie wire	7/16/2002
NSW3203-0071		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	ENCLOSED POCKET, 1.5 SHELL, 9 DEEP. 2ND CYCLE OF TESTING - WAS TREATED WITH MITC IN 1992. Reinforced	1/7/2002
NSW3203-0078		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	ENCLOSED POCKET, 1.5 SHELL, 9 DEEP. 2ND CYCLE OF TESTING - WAS TREATED WITH MITC IN 1992. Reinforced with (2) 7114	1/17/2002
NSW3203-0089		REINFORCE WITH WOOD POLE	DP-RR-P	TREATED WITH MITC IN 1992 - REJECTED IN 2001. CAN BE REINFORCED WITH FIBERWRAP. 7/02 Roeder reported wood stub would be better fix; crew installed 40' blackjack stub	7/23/2002
NSW3203-0108		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - Reinforced with (2) 9X10 trusses	1/17/2002
NSW3203-0113		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 26 . Reinforced with (2) 9115 trusses	1/17/2002
NSW3203-0114	Trans Construction	East Phase	FI	East Phase - Outage or manual (not stick)	10/1/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0115		REPAIR	DH	Pole ground loose near pole top - 7/02 Roeder report has not shell, hammer broke through shell when testing pole. Other pole has several years of life left, will use for stubbing either structure 89 or 161. Str replaced under RO	7/18/2002
NSW3203-0115		Change out. Install TE 0102 E, 70/3 poles - reuse XA	DP-NR-P	LEFT POLE IS ROTTEN AND HOLLOW. Replace str to TE0102E, 70/2 poles	10/2/2002
NSW3203-0129		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 6 . Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0130		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 6 . Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0131		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 0 SHELL AT 80 . Reinforced with (2) 7114 trusses	2/7/2002
NSW3203-0132		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 6 SHELL AT 15 . Reinforced with (2) 7114 trusses	1/17/2002
NSW3203-0139	Trans Construction	REPAIR WITH I-FOAM	WH	1 LARGE HOLE	10/1/2002
NSW3203-0150		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2.5 SHELL AT 0 AND 0 SHELL AT 54 Reinforced with (2) 7115 trusses	1/17/2002
NSW3203-0150		INSTALL AERIAL NUMBER	ID		7/16/2002
NSW3203-0153	Trans Construction	Tighten susp shoe nuts on center phase conductor	DH	Tighten susp shoe nuts on center phase conductor	10/1/2002
NSW3203-0154	Trans Construction	Replace leg with maintenance pole (75/2) / Install wire cloth on both legs.	DP	REPLACED STR.	10/1/2002
NSW3203-0162		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 0 SHELL AT 54 Reinforced with (2) 7114 trusses	1/17/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0180	Trans Construction	CHANGE OUT BELLS	FI	3 flash bells on E ph - Gray B & S bells - Outage or manual for hot sticking	10/1/2002
NSW3203-0187		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2 SHELL AT 15 Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0193	Trans Construction	REPAIR WITH I-FOAM	WH	2 MED HOLES / 3 LBS.	10/1/2002
NSW3203-0195	Trans Construction	REPAIR WITH I-FOAM	WH	2 MED HOLES	10/1/2002
NSW3203-0196	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	DECAYED TOP ON LEFT POLE	10/1/2002
NSW3203-0200	Trans Construction	Change out crossarm	DA	9/26/00 arm split - south arm east end split from thru bolt to east phase bracket - will last 1 year long span	10/1/2002
NSW3203-0202		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2 SHELL AT 26 Reinforced with (2) 7114 trusses	1/17/2002
NSW3203-0207	Trans Construction	REPAIR WITH I-FOAM	WH	2 MED HOLES	10/1/2002
NSW3203-0209		REPAIR	DH	AP reported ground wire loose at grade	10/1/2002
NSW3203-0209		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 4 SHELL AT 18 Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0216	Trans Construction	Replace structure	WH	11/15/00 TLCrecommend change out - both poles - East pole has a steel truss -	10/1/2002
NSW3203-0218	Trans Construction	Replace E pole	WH	1 LARGE HOLE - Recommend change out East pole	11/1/2002
NSW3203-0220		Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Reinforced with (2) 8114 trusses	1/17/2002
NSW3203-0223		Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Reinforced with (2) 7114 trusses	2/7/2002
NSW3203-0224		Reinforce Right Pole with steel truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Reinforced with (2) 7114 trusses	1/17/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0239	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS - 3 POLE STR	11/1/2002
NSW3203-0256		Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Reinforced	2/8/2002
NSW3203-0261		Reinforce Right Pole with Fiber Wrap	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Larry Roeder recommends reinforcing right pole with a wood stub due to water table level; crew stub with 40' blackjack	7/22/2002
NSW3203-0281		Reinforce Right Pole with Steel Truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0296	Trans Construction	REPAIR	DH	REPAIR	11/1/2002
NSW3203-0296	Trans Construction	REPAIR WITH WOODPECKER FILL	WH		10/23/2002
NSW3203-0301		Reinforce Right Pole with Steel Truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0324	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS	11/1/2002
NSW3203-0333	Trans Construction	Repair pole top	PT	10/2/00 Back pole rotted 12 down; need RFO to lower tie guy!	12/14/2002
NSW3203-0345	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	BOTH POLES 1/2 TO 3/4"	11/1/2002
NSW3203-0351	Trans Construction	Repair East pole top	PT	REPLACED STR.	12/1/2002
NSW3203-0372	Trans Construction	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	EAST PHASE	11/1/2002
NSW3203-0378	Trans Construction	Change out 5 pole	DP-NR-P	NON-REINFORCEABLE LEFT MIDDLE POLE; 2" SHELL, 18"	2/8/2002
NSW3203-0380	Trans Construction	CHANGE OUT SUSP INSULATION ON DE STR	FI	CENTER PHASE NORTH SIDE	12/1/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0380	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ALL 5 POLES	11/1/2002
NSW3203-0381	Trans Construction	REPLACE POLE	WH		12/11/2002
NSW3203-0387	Trans Construction	Change out 5 pole	PT	REPLACED STR.	12/5/2002
NSW3203-0387	Trans Construction	REPLACE INSULATION	FI	NORTH PHASE	12/6/2002
NSW3203-0388	Trans Construction	Change out 5 pole	PS	10/4/00 - 4 poles very loose in ground - 1 pole very bad bow (poles set shallow?) ==Review str integrity when on project.==REPLACED WEST POLE AND HALF OF X-BRACE ALSO INSTALLED WP WIRE ON EAST SHIELD POLE	12/6/2002
NSW3203-0389	Trans Construction	CHANGE OUT SUSP INSULATION ON DE STR	FI	WEST PHASE SOUTH SIDE AND 4 FLASHED INSULATORS ON CENTER PHASE IDLER.	11/6/2002
NSW3203-0400		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	1" shell at 15", 3" shell at 26". Reinforced with (1) 8115 and (1) 7114	1/17/2002
NSW3203-0419		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Right Pole with (2) 980x10 Steel Trusses	1/17/2002
NSW3203-0433		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Left Pole with (2) 8114 Steel Trusses	1/17/2002
NSW3203-0435		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Right Pole with (2) 8114 trusses	1/17/2002
NSW3203-0441		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	4 Shell at 26 . Carpenter Ants. Decay Pocket 1.5 deep x 9 wide. Reinforced with (2) 8115 trusses	1/17/2002
NSW3203-0453		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	3.5" Shell at 18". Reinforced with (2) 9x10 trusses	1/17/2002
NSW3203-0466		REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Decay Pocket 1.5 deep x 9 wide. 3.5 shell at 18 Reinforced with (2) 9x10 trusses	1/17/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0471		REMOVE	FO	ON STATIC BETWEEN 471-472; Roeder reviewed and the string is short. Will not get into conductor.	7/18/2002
NSW3203-0472		REPLACE INSULATION	IN	EAST PHASE	7/18/2002
NSW3203-0475		REPLACE INSULATION	FI	EAST PHASE	7/18/2002
NSW3203-0475	Trans Construction	Replace E & W strain braces; also bring 18 bells, 2 braces & 4 one bolt clamps to bond grd to static & bridle guy	DB	3/30/01 Roeder reported both braces hit by lightening.	7/18/2002
NSW3203-0477	Trans Construction	CHANGE OUT BELLS	FI	3 FLASHED INSULATORS ON EAST PHASE	7/18/2002
NSW3203-0494-A	Trans Construction	Change out dead-end arm and install knee braces	DA	ARMS BOWING (NO BRACES) - 10/23/00 dairyland over top - change arm &/or 3 pole str - suggest new deadend arm knee braces	2/8/2002
NSW3203-0506	Trans Construction	Replace bells, knee braces / Install vibration dampers & guard poles	DH	3/30/01 Roeder asked to verify conductor leakage: found severe vibration on cond; 14 6 spacing with wrong v-braces; str being backed into by semi-trucks.	2/8/2002
NSW3203-0518		REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	7" Shell, 26". Reinforced with (2) 10115 trusses	1/17/2002
NSW3204-0035		Replace bell	IN	11/16 Air Patrol reported broken insulator	6/4/2002
NSW3206-0050-A	La Crosse Crew	CHANGE OUT	IN	FAILED INSULATOR CAUSED TRIP ON LINE	2/7/2002
NSW3207-0014	Transmission Line	Install TC foundation on R pole, Topper L pole	PT	12/97 TLC reported SQ tag & 3' top rot	7/16/2002
NSW3207-0015		Core drill to find good wood then repair or reject	PT	Rotten piling; 12/97 TLC reported L pole, one 12"	7/16/2002
NSW3207-0016	Transmission Line	Topper R/L poles	PT	12/97 TLC reported 1' rot	7/16/2002
NSW3207-0017	Transmission Line	Topper R/L poles	PT	12/97 TLC reported 1' rot	7/16/2002
NSW3207-0018		Core drill to find good wood then repair or reject	PT	ROTTEN PILING	7/16/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3207-0030		VERIFY	RW	PILING USED CONCRETE AROUND POLE - PILE IS MOVING TOWARDS LINE AND COULD BE CLEARANCE ISSUE. CONTACT WITH OWNER IS RECOMMENDED. No concrete around pole	12/10/2002
NSW3207-0032	CRW	CHANGE OUT	PT	PILING TOPS ARE ROTTING MADE TEMPORARY REPAIRS 1997, PILINGS NEED REPLACING, SEE DRAWINGS IN FILE	7/16/2002
NSW3207-0032	CRW	CHANGE OUT	DP	8/28/97 CREW REPORT S LEG - EASTERLY PILING ROTTED 20 DOWN FROM TOP / N LEG EASTERLY PILING ROTTED 60 DOWN FROM TOP	7/16/2002
NSW3207-0033		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN PILING	7/16/2002
NSW3207-0040	CRW	CHANGE OUT	PT	PILING POLES ARE ROTTING COVERED GOOD PILINGS WITH POLE TOPPERS, SEE DRAWINGS IN FILE 8/28/97 CREW REPORTED S LEG EASTERLY PILE ROTTED 40 DOWN FROM TOP / WESTERLY PILE ROTTED 44 DOWN FROM TOP, crew reported str in	7/17/2002
NSW3207-0042		INSTALL 3 GUY GUARDS	GG	MISSING 3 GUY GUARDS, crew reported no guys on 42. Guys on 43 all have guards on.	7/17/2002
NSW3207-0046		One broken bell	IN	Changed out 9 Insulators	1/1/2002
NSW3207-0072		CHANGE OUT SUSPENSION INSULATION ON TANGENT STR	FI	FLASHED INSULATOR ON NORTH PHASE; replace 9 bells	12/10/2002
NSW3207-0074		REPAIR WITH I-FOAM	WH	2 MEDIUM HOLES; 10holes, 8lbs	12/10/2002
NSW3207-0075	CRW	REPAIR WITH I-FOAM	WH	FRESH HOLES; 22lbs filler	12/10/2002
NSW3207-0075		REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	DAMAGED POLE TOP - MIGHT HAVE TO LOWER; cut all tops & installed toppers	12/10/2002
NSW3207-0101		VERIFY	DC	B PHASE TRIPPED. NEED TO LOOK FOR DAMAGE IN ADJACENT SPANS, crew reported no damage in 2 spans each way.	7/16/2002
NSW3207-0104	CRW	REPAIR	DH	PIN MISSING FROM STATIS SHOE SHACKLE, crew reported pins & shackles ok	7/16/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3209-0026	Transmission Line	REPIAR WITH I-FOAM	WH	FILLED 3 HOLES WITH 4 LBS FILL	12/11/2002
NSW3209-0373	Transmission Line	REPAIR WITH WOODPECKER FILL	WH	Installed 6 lbs of fill	5/21/2002
NSW3209-0392	Transmission Line	REPAIR WITH WOODPECKER FILL	WH	Installed 2 lbs of fill	5/21/2002
NSW3209-0406	Transmission Line	REPAIR WITH WOODPECKER FILL	WH	Installed 12 lbs of fill	5/21/2002
NSW3209-0481	Transmission Line	REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM - FILLED 4 HOLES WITH 4 LBS FILL	12/12/2002
NSW3209-0482	Transmission Line	REPIAR WITH I-FOAM	WH	FILLED 2 HOLES WITH 4 LBS FILL	12/12/2002
NSW3209-0482	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	VERY SMALL NATURAL CRACK. STATIC BRACKET BOLT IS AT OPPOSITE ANGLE. POLE IS OKAY	12/12/2002
NSW3209-0483	Transmission Line	REPIAR WITH I-FOAM	WH	FILLED 4 HOLES WITH 4 LBS FILL	12/12/2002
NSW3209-0500	Transmission	REPAIR WITH WOODPECKER FILL	WH	Todd Bergman reported large hole 15' below bottom phase is: 9" long, 12" wide and 24" deep. Pole has been repaired before. Recommends wire cloth installed. FILLED AND SCREENED	4/2/2002
NSW3209-0500	Transmission Line	REPAIR WITH WOODPECKER FILL	WH	Installed 35 lbs of fill & 27' of screen	5/21/2002
NSW3210-0008		REPAIR WITH I-FOAM	WH	2 MED HOLES, 2lbs	7/23/2002
NSW3210-0044		REPAIR	DH	PIN MISSING FROM STATIS SHACKLE (SOUTH POLE) THIS IS JOINT STRUCTURE WITH 3213, pin ok	7/23/2002
NSW3210-0047		RECLIP/RETIE	DG	TAKEN OFF FOR PIPELINE INSTALLATION, str replaced for new HWY 29 project	7/23/2002
NSW3213-0167	CRW	UNSPECIFIED ASSIGNMENT	RW	CULVERTS 6" TO 12" EMPTY, 7/24/02 crew reported wait till crop is off to fill. - Line file	12/3/2002
NSW3213-0168	CRW	UNSPECIFIED ASSIGNMENT	RW	CULVERTS 6" TO 12" EMPTY, 7/24/02 crew reported wait till crop is off to fill. - Line file	12/3/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3213-0169		INSTALL CROSSING WARNING SIGN AT THIS STR	ID	FADED OUT, Crew reported no xing at this location, nearer to str 189	7/24/2002
NSW3215-0041		INSTALL CROSSING WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	Installed xing signs at str#s 40 & 45	7/24/2002
NSW3215-0052		REMOVE	DH	DEBRIS ON STATIC ; nothing found	7/24/2002
NSW3215-0058		CHANGE OUT	SA	DEBRIS ON STATIC; nothing found	7/24/2002
NSW3216-0140		INSTALL AERIAL NUMBER	ID	7/10/01 Mackie reported no aerial # (RO 19970522 indicates sign @ 134. Line on other side of sub belongs to another utility)	7/5/2002
NSW3301-0005	CRW	REPAIR WITH I-FOAM	WH	2 MED HOLES, 4lbs	11/27/2002
NSW3301-0024	CRW	REPAIR WITH I-FOAM	WH	3 MED HOLES; 4 holes, 8lbs	12/2/2002
NSW3303-0468		Reinforce Left Pole with steel truss	DP-RR	4 shell at 26 , 8 shell at 54 . Enclosed pocket, 2 shell, 1 deep. Ants in pole. Reinforced with (2) 9x10 trusses	1/18/2002
NSW3303-0509		UNSPECIFIED ASSIGNMENT	RW	Moved pole off ROW per owners request	7/24/2002
NSW3303-0511		INSTALL OTHER SET OF X-BRACING	DH	X-BRACING LAYING BY FENCE-POSSIBLY NEVER INSTALLED. (ONE SET ON STRUCTURE); move braces to side of garage per owners request	7/24/2002
NSW3303-0512		REMOVE OLD POLE ON ROW	RW	OLD POLES ON ROW; moved pole to side of garage per owners request	7/24/2002
NSW3304-0023		CHANGE OUT	DH	AGS UNIT DAMAGED BY LIGHTNING, INS. FLASHED - Change 10 B&S insulators	6/6/2002
NSW3304-0107		REPAIR WITH I-FOAM	WH	NUMEROUS, pole was replaced & is screened top-bottom	12/3/2002
NSW3304-0594	CRW	REPAIR WITH I-FOAM	WH	NUMEROUS HOLES - pole replaced during construction	7/1/2002
NSW3304-0598	CRW	REPAIR WITH I-FOAM	WH	NUMEROUS - pole replaced during construction	7/1/2002
NSW3304-0599	CRW	REPAIR WITH I-FOAM	WH	NUMEROUS HOLES - pole replaced during construction	7/1/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3304-1064		CHANGE OUT	RP	STUB POLE IS ROTTEN - reference is 1064-A, no action required on this pole	6/10/2002
NSW3305-0010	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0011	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0012	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0015	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0414	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0415	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0416	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0417	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0418	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0419	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0420	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0421	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0422	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0423	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3305-0424	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0425	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0426	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0427	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0428	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0429	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0430	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0431	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0432	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0433	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0434	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0435	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0436	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0437	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0438	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3305-0439	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0440	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0441	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0442	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0443	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0444	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0445	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0446	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0447	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0448	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0449	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0450	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0451	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0452	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0453	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3305-0454	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0455	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0456	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0457	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0458	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0459	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0460	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0461	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3305-0462	Transmission Line	Repair Ground Wire due to Vandalism	GW	Reconnected Ground	12/30/2002
NSW3309-0045	Transmission Line	CHANGE OUT	SS	2 ANGLE BRACES ARE BENT IN GROUND LINE AREA, NOT SERIOUS 4/17/00 1 1/2 ANGLE X 17 9 7/8 LONG FIRST HOLE FROM TOP 7 8.25 ; SECOND HOLE FROM TOP 8 10.375 . HOLES ON ENDS ? HOLE DIA? Measurements sent to Camelot Metals for fabricaton. Will replace when in area.	10/12/2002
NSW3315-0027		REPAIR	DH	REPAIR; replace broken DE bells. Permission given 6/19/02 per ph call.	6/26/2002
NSW3315-0028		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	IN	BROKEN BELL - NORTH PHASE - replaced 6 bells	6/26/2002
NSW3315-0031	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	HPR REPORTED BROKEN BELL S PH OF 3 POLE - 1 NEWER INSULATOR IN EACH STRING. NONE BROKEN	6/19/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3315-0054		CHANGE OUT	DC	ARMOR ROD LOOKS BURNT; 6/18/02 Roeder reported no burn after climbing str.	6/18/2002
NSW3315-0056		REPAIR WITH I-FOAM	WH	1 SMALL HOLE; 6/18/02 Roeder reported no holes found, just black knots	6/18/2002
NSW3315-0102	Transmission Line	Verify amount of damage	DA	4/4/01 patrol reported splintered xa. - ARM IS SOLID	6/18/2002
NSW3315-0120		REPLACE INSULATION	FI	SOUTH PHASE; TLC replace 6 bells	6/25/2002
NSW3315-0120	Transmission Line	Replace damaged xa if testing shows to do so	DA	9/11 AP reported splintered xa; TLC replace XA	6/25/2002
NSW3315-0120		REPAIR WITH I-FOAM	WH	2 MED HOLES; TLC filled 4 holes, 4 lbs	6/27/2002
NSW3315-0122		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; 4 holes, 4 lbs	6/27/2002
NSW3315-0122		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE; TLC replaced 6 bells	6/25/2002
NSW3315-0123	HPR	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	CENTER PHASE HAS FLASHED BELL; TLC replaced 6 bells	6/25/2002
NSW3315-0123		REPAIR WITH I-FOAM	WH	1 MED HOLE; 1 hole, 2 lbs - crew discovered ants up to 5' above grade, L pole - created new RO	6/27/2002
NSW3315-0125	HPR	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	SOUTH PHASE 4 FLASHED, NORTH PHASE NEEDS COTTER KEY; TLC reported no flashed bells - replace cotter key	6/25/2002
NSW3315-0134	Transmission	REPAIR	GW	LOOSE GROUND WIRE AT 5 FT.- REPAIRED	6/18/2002
NSW3315-0138		REPAIR	WH	1 Large Hole - 8 lbs	7/9/2002
NSW3315-0140		REPAIR	DC	HPR REPORTED DAMAGED STRANDING; TLC removed extra rod to expose 3 damaged strands. Installed repair sleeve. Repair grd wire to static.	6/26/2002
NSW3315-0141		REPAIR WITH I-FOAM	WH	2 MED HOLES; 1 hole, 6lbs	6/27/2002
NSW3315-0142		REPAIR WITH I-FOAM	WH	1 SMALL HOLE; 2lbs	6/27/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3315-0144	Transmission Line	REPAIR	GW	BROKEN GROUND WIRE - REPAIRED	6/26/2002
NSW3315-0155		ADJUST	SO	Infra-Red 3/16/02 shows hot; Duplicate to 20011291	6/26/2002
NSW3315-0155-A		CHECK SWITCH CONNECTIONS	DH	4/18/01 INFRARED SHOWED HOT CONNECTIONS - File; installed paddles E side of 5R56; 7/10/02 replace hot parts/adjusted 5R56; Bottles tested good @ 60kVA; Installed paddles W side 5R56	7/10/2002
NSW3315-0178	Transmission Line	REPLACE INSULATION	FI	NORTH PHASE - NO FLASHED INSULATORS	6/18/2002
NSW3315-0182	HPR	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CENTER PHASE 2 BROKEN BELLS, SOUTH PH BROKEN BELL, SOUTH PH BROKEN V-BRACE; TLC replaced 12 bells & broken V brace.	7/9/2002
NSW3315-0194		MONITOR	DP	BEAR DAMAGE - POLE IS OK 1" OF POLE MISSING ABOUT 6' ABOVE G/L	6/17/2002
NSW3315-0195		MONITOR	DP	BEAR DAMAGE; Roeder reported 1" of pole missing 1/3 way around from grd to 6'	6/17/2002
NSW3315-0198		REPAIR WITH I-FOAM	WH	1 MED HOLE; TLC filled 3 holes, 2 lbs	7/11/2002
NSW3316-0030	Transmission Line	INSTALL AERIAL NUMBER	ID	#0 MISSING FROM AERIAL NUMBER - THIS IS REBUILT WITH STEEL	12/17/2002
NSW3316-0032		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	WEST PHASE - THIS STR HAS BEEN REBUILT TO STEEL. NO PROBLEM	12/17/2002
NSW3316-0153		REPAIR WITH I-FOAM	WH	1 LARGE HOLE - NO HOLES FOUND. 1 BLACK SPOT THAT COULD BE MISTAKEN FOR A HOLE	12/17/2002
NSW3316-0155	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE - FILLED 1 HOLE WITH 1 LB FILL	12/17/2002
NSW3316-0155	Transmission Line	TIGHTEN GROUND WIRE	GU	GROUND WIRE LOOSE 5 FT - RESTAPELED GROUNDWIRE	12/17/2002
NSW3316-0156	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE - FILLED 2 HOLES WITH 8 LBS FILL	12/17/2002
NSW3316-0157	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE - FILLED 1 HOLE WITH 3 LBS FILL	12/17/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3316-0171		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		1/7/2002
NSW3316-0181	Transmission Line	MISSING HARDWARE	DH	BOTTOM BOLT OF X-LACE MISSING - FIXED X-BRACE BOLT	12/17/2002
NSW3316-0181	Transmission Line	Repair With I-Foam	WH	FILLED 2 WP HOLES WITH 3 LBS FILL	12/17/2002
NSW3316-0183	Transmission Line	REPAIR WITH I-FOAM	WH	1 SMALL HOLE - 2000 HELI INSP REPORTS 1 SMALL AND 1 LARGE HOLE - FILLED WP HOLES WITH 3 LBS	12/17/2002
NSW3316-0264	Transmission Line	REMOVE	FO	FOREIGN OBJECT - 150 OUT FROM 264 BALLOON ON STATIC; - FOUND NOTHING ON STATIC	12/18/2002
NSW3319-0052		RESTAPLE	GW	Restapled grd wire	12/2/2002
NSW3319-0055		REPAIR WITH I-FOAM	WH	2 SMALL HOLES, no holes found, possibly knots	12/2/2002
NSW3319-0130		INSTALL AERIAL NUMBER	ID	NUMBER 1 MISSING BOTH SIDES	12/2/2002
NSW3319-0131		INSTALL 3 GUY GUARDS	GU	MISSING 3 GUY GUARDS	12/2/2002
NSW3319-0131		VERIFY	PF	Crew could not find burn. Pole bleeding creosote that looks like burn.	12/2/2002
NSW3319-0132		REPAIR WITH I-FOAM	WH	1 hole, 8lbs	12/2/2002
NSW3320-0095-A		REPAIR WITH I-FOAM	WH	FILLED 3 SMALL HOLES - 3 LBS.	12/19/2002
NSW3320-0157	Transmission Line	VERIFY	RW	WINDMILL 12 FT. FROM LINE BETWEEN STR 157 AND 158. Str 24' off line and guy opposite side of line - OK	11/29/2002
NSW3351-0033		Change out 26' crossarm	DA	Roeder to confirm if CO needed, Replace in 2001 by NSM crews	10/1/2002
NSW3351-0117	Transmission Line	Change out 50/3 pole	RP	Changed out 1 50 Ft Pole. WP Screen installed and new ground	10/31/2002
NSW3351-0206		Change out crossarm	DA	9/25/01 Mackie reported xa rot / cracked on NW side? HPR replace XA	10/30/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0211		Change out 26 crossarm	DA	VERIFY DAMAGED XA & REPORT PRIORITY CONDITION, 4/01 Roeder reported both xa ends splintered, have been banded. Xa ends sagging. Long spans!; Callebretto installed single heavy xa	10/29/2002
NSW3351-0212	Transmission Line	Change our susp bells on tangent str	FI	4/01 Roeder reported 6 flashed bells South ph	10/29/2002
NSW3351-0213		REPLACE INSULATION	FI	SOUTH PHASE 6 bells replaced	10/29/2002
NSW3351-0220		CHANGE OUT	DC	AUTOMATIC SLEEVES NORTH PHASE; removed	10/25/2002
NSW3351-0222		Repair	GW	GROUND WIRE LOOSE AT 5 FT	10/25/2002
NSW3351-0222		REPLACE INSULATION	FI	NORTH PHASE 6 bells replaced	10/25/2002
NSW3351-0251		CHANGE OUT	DA	ROTTING; Callebretto installed single heavy xa	10/24/2002
NSW3351-0251		REPLACE INSULATION	FI	SOUTH PHASE, all bells replaced	10/24/2002
NSW3351-0259		Change out 26 crossarm	DA	CROSSARM APPEARS TO BE BROKEN, 4/01 Roeder reported W xa splintered, E xa major rotting.; Callebretto installed single heavy xa	10/24/2002
NSW3351-0262		Change out 1/2 26 xa	DA	CROSSARM ROT, 4/01 Roeder reported center of W xa (by S pole) rotten due to crack.; Callebretto installed single heavy xa and all armor rod	10/23/2002
NSW3351-0263		CHANGE OUT	DA	ROTTING; Callebretto installed single heavy xa	10/23/2002
NSW3351-0267		Change out 1/2 26 xa	DA	CROSSARM ROT, 4/01 Roeder reported 1/2 or xa rotten 3 down by S pole, E xa.; Callebretto installed single heavy xa; 2 holes, 3lbs & 6 bells	10/17/2002
NSW3351-0269		Change out 26 crossarm	DA	1 1/2 ROT ON EAST HALF OF ARM, 4/01 Roeder reported split and decaying on top, also in cracks.; Callebretto installed single heavy xa, 3 armors rods & 6 bells	10/16/2002
NSW3351-0269		CHANGE OUT	DA	Duplicate	10/16/2002
NSW3351-0277		Change out 26 crossarm (angle with gates)	DA	3/4 ROT ON SOUTH END OF ARM, 4/01 Roeder reported S end of E xa rotting after lighting damage. W xa is splintered out.; Callebretto installed single heavy xa	10/16/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0293		Change out 26 crossarm	DA	4/01 Roeder reported 1/2 xa split bad, allready splinted. Long span.; Callebretto installed single heavy xa	10/16/2002
NSW3351-0296	Transmission Line	Change our susp bells on angle str	FI	12 FLASHED INSULATORS ON NORTH & SOUTH PHASE'S	10/15/2002
NSW3351-0297		Change out 1/2 26 xa	DA	DAMAGED ARM - 1 OF DECAY ON ONE HALF OF DOUBLE ARM, 4/01 Roeder reported W xa rotten in center by S pole.; Callebretto installed single heavy xa, 6 bells center ph, cut & capped S pole	10/14/2002
NSW3351-0313		Change out 26 crossarm	DA	ARM BOWING - SPLINTERED BY LIGHTNING, 4/01 Roeder reported W xa 1/3 split off N end. E xa cracked.; Callebretto installed single heavy xa, cut & capped both poles, fixed grd wire	10/9/2002
NSW3351-0313	Transmission Line	Repair pole tops	PT	4/01 Roeder reported tops need to be cut and capped.	10/9/2002
NSW3351-0314	Transmission Line	Restaple grd wire	GU	GROUND WIRE LOOSE AT 5 FT. Raised xa, put 5/8" split bolt above/below xa. Grd wire repair earlier. Cut & Cap N pole	10/9/2002
NSW3351-0314		Repair	ST	4/01 Roeder reported cut and cap	10/9/2002
NSW3351-0317	Transmission Line	Repair N phase jumper - date temp fixed	IN	4/01 Roeder reported jumper has been temp repaired using hot clamps. Replace with 6 of wire & 2 loop sleeves	10/9/2002
NSW3351-0317	Transmission Line	Repair pole tops	PT	POLE TOP ROTTING, 4/01 Roeder reported middle & back poles to be cut & capped. 3 poles cut & capped	10/9/2002
NSW3351-0317		Change our susp bells on dead end str	FI	FLASHED INSULATOR ON NORTH PHASE, 4/01 Roeder reported 2 on N ph W DE & 2 on S ph E DE. Replace one bell	10/9/2002
NSW3351-0321	Transmission Line	Repair pole top	PT	ROTTEN POLE TOP (NORTH POLE), 4/01 Roeder reported cut & cap N pole	10/10/2002
NSW3351-0321	Transmission Line	Change our susp bells on tangent str	IN	4/01 Roeder reported 2 shot up bells on N pole; replaced 6 bells	10/10/2002
NSW3351-0325	Transmission Line	Repair pole tops	PT	ROTTEN POLE TOP, 4/01 Roeder reported cut & cap back pole. South pole	10/10/2002
NSW3351-0326	Transmission Line	Repair pole tops	PT	BACK POLE OF THREE POLE STRUCTURE, 4/01 Roeder reported cut & cap middle & S pole	10/10/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0326	Transmission Line	Replace braces	DB	INSTALL NEW BRACE, 4/01 Roeder reported brace is like a xa, (8 1/4 X 3 1/2 X 7 7 long). Larry noted 20 to gate, 9 apart. Str spacing questioned as 14 .	10/10/2002
NSW3351-0326	Transmission Line	Change our susp bells on angle str	FI	4/01 Roeder reported 6 flashed bell on N ph. Replace 6 bells N ph	10/10/2002
NSW3351-0329		Change out 26 crossarm	DA	SPLIT CROSSARM, 4/01 Roeder reported N end of both xa s split; Callebretto installed single heavy xa & fixed grd	10/10/2002
NSW3401-0441	Transmission Line	Pole needs review after 445 reanchoring	LS	1/23/02 Roeder reported str needs review when tensions are corrected at 445. Possible adjustment to 441 may be required. Posts have walk on one side. Posts adjusted	1/31/2002
NSW3401-0442	Transmission Line	Pole needs review after 445 reanchoring	LS	1/23/02 Roeder reported str needs review when tensions are corrected at 445. Possible adjustment to 442 may be needed. Note slack static down guy. Posts have walked 8". Down guy tightened	1/31/2002
NSW3401-0445	Transmission Line	Replace anchors & plumb str	LS	1/02 Roeder reported leaning 18" Southwest. TLC installed 4 new anchors to N & pulled pole back	1/31/2002
NSW3401-0445-A	Transmission Line	Replace anchors & plumb str	LS	1/02 Roeder reported leaning 12" East. Ditto 445	1/31/2002
NSW3401-0446	Transmission Line	RESET POLE	LS	1/02 Roeder reported leaning 14" Southwest. TLC report pole plumbed itself when dead-ends pulled back.	1/31/2002
NSW3401-0447	Transmission Line	RESET POLE	LS	1/02 Roeder reported conductors misalighned. Might true up when corners pulled back. TLC moved shoes	1/31/2002
NSW3401-0449	Transmission Line	Replace anchoring and plumb structure	LS	ANCHORS PULLED ON STUB POLE LEANING 3+ WILL NEED GO-TRACT; 1/02 Roeder reported leaning 3' South & 1' NE. TLC installed 8 new anchors, 4 down guys instead of repositioning 449-A stub pole.	1/31/2002
NSW3401-0449-A	Transmission Line	Replace anchoring @ OVHD guy pole; remove OVHD guy pole & existing anchoring per Engineering (Pole the pole, do not cut off)	LS	OVHD guy pole leaning 3.5' South. TLC remove stub pole	1/31/2002
NSW3401-0450	Transmission Line	RESET POLE	LS	LEANING 6 TO 14 IN LINE (FROM STR 449 CORNER STR, ANCHORS PULLING) 1/02 Roeder reported leaning 2' South. Post insulators bowed, Sediver's. TLC straightened pole & reclipped.	1/31/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3401-0451	Transmission Line	RESET POLE	LS	LEANING 6 TO 14 IN LINE (FROM STR 449 CORNER STR, ANCHORS PULLING: 1/02 Roeder reported leaning 2' South. Post insulators bowed, Sediver's. TLC straightened pole & reclipped.	1/31/2002
NSW3401-0452	Transmission Line	RESET POLE	LS	LEANING 6 TO 14 IN LINE (FROM STR 449 CORNER STR, ANCHORS PULLING; 1/02 Roeder reported leaning 18" South. LC straightened pole & reclipped.	1/31/2002
NSW3401-0453	Transmission Line	TIGHTEN DOWN GUY	GU	SLACK DOWN GUY; 1/02 Roeder reported leaning 18" South. TLC straightened pole & reclipped, tightened guy & added post insulator, shoe holder cracked.	1/31/2002
NSW3401-0454	Transmission Line	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/31/2002
NSW3401-0455	Transmission Line	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/31/2002
NSW3401-0456	Transmission Line	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/31/2002
NSW3401-0457	Transmission Line	RESET POLE	LS	1/02 Roeder reported leaning 14" South. TLC straightened pole & reclipped.	1/31/2002
NSW3404-0008	Transmission Line	UNSPECIFIED ASSIGNMENT ????? CHECK IT OUT!	RW	UNSPECIFIED ASSIGNMENT: 4/18/02 Roeder reported nothing found at site	4/18/2002
NSW3404-0010	Transmission Line	CHANGE OUT TC0301 55/3	PT	4/18/02 Roeder reported pole top split to top post - pole top hollow. Pole replaced with maint. Pole	5/24/2002
NSW3406-0001		Change out - Manual	PT	4/2/01 patrol reported pole in bad condition throughout. Str is stubbed. Can hold pole with equipment with outage to one side & hot stick the other to replace str.. New dbl davit	9/12/2002
NSW3406-0002		CHANGE OUT - Both circuits out	DA	TOP ARM, 3/27/01 patrol reported xa could fail & contact jumper (may need material move to get to structure) 4/2/01 patrol pole tops rotted well into bands, recommended str replacement, Need both circuits out; new DE str	9/12/2002
NSW3406-0023		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Along bike trail - Left side out	PT	REMOVE POLE TOP AND CAP WITH POLE TOPPER.; Mackie lowered static 6"	8/27/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3406-0023		Replace damaged insulation, Left & Right out- Manual if necessary. Along bike trail - Left side out	IN	3/27/01 patrol reported chipped/contaminated bells - All bells on left & top only right. These can be hot sticked. 13 bells on L side, Clean top ph on R side	8/27/2002
NSW3406-0023		Install str #	ID	3/27/01 patrol reported str # missing	8/27/2002
NSW3406-0025		Replace damaged insulation, Right out - Manual if necessary.	FI	3/27/01 patrol reported flash bell, Right top. These can be hot sticked if xa not replaced. Insulators needed cleaning	8/27/2002
NSW3406-0025		Monitor xa	DA	3/27/01 patrol reported hole in center xa, Right side. 65 bucket will reach over trees; Mackie reported knot in xa popped out, xa is ok for 5+ years	8/27/2002
NSW3406-0027		INSTALL POLE WRAP	PS	CHECK AND INSTALL POLE WRAP	9/12/2002
NSW3406-0027		CHANGE OUT SUSPENSION INSULATION ON DE STR, Manual if necessary	FI	FLASHED INSULATOR - BOTTOM PHASE, Side uknown, Along bike trail, possilble either side out; Mackie replaced flashed idler bells & cleaned bottom string	8/27/2002
NSW3406-0033		Replace damaged insulation, Left side out , Manual if necessary. Behind Labor Temple area	IN	3/27/01 patrol reported 3 broken/chipped on bottom bottom xa, left circuit. These possibly could be hot sticked. Bird	8/27/2002
NSW3406-0035		Replace damaged insulation, Left side out, Manual if necessary	IN	3/27/01 patrol reported 2 broken/chipped on bottom bottom xa, left circuit. These possibly could be hot sticked. Mackie replace 10 bells on L circuit @ middle & bottom - clean remaining	8/27/2002
NSW3406-0035		Monitor	ID	3/27/01 patrol reported missing ID	8/27/2002
NSW3406-0038		Replace damaged insulation, Right side out, Manual if	IN	3/27/01 patrol reported 2 broken/chipped on right jumper string, top & bottom. These possibly could be hot sticked. Brett replaced 5 bells, R jumper string	8/28/2002
NSW3406-0038		Repair ground wire, Both sides out	GW	3/27/01 patrol reported grd wire broke @ static; repaired previously	8/27/2002
NSW3406-0041		CHANGE OUT, Manual	DP-NR	CHANGE OUT. Outage one side with equipment holding pole to replace str while hot sticking other side. Crew replace pole & install 115kV posts	9/7/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3406-0046		REPAIR, Right side, Manual	GW	STATIC TO POLE GROUND CONNECTION OPEN	9/12/2002
NSW3406-0047		RESET POLE	LS	LEANING 3 FT +; Crew reported rake must stay in this pole as designed, otherwise resag 6 conductors.	9/10/2002
NSW3406-0047		Change out xa, Both sides out	DA	3/29/01 patrol reported bottom xa cracked on left side. Will require both lines out or possible hot stick. Crew reported nothing wrong, weather creacks in xa's	9/10/2002
NSW3406-0047-A		INSTALL NEW	DP-NR-P	Guy pole is just sitting on top of ground. No effective groundline circumference left. Crew brushed 3/4 hr, set new 40/3, transferred guys	9/10/2002
NSW3406-0048-A		CHANGE OUT - stub pole	DP-NR	CHANGE OUT; crew set new pole, trans guying	9/10/2002
NSW3406-0051		Verify pole integrity	DP	3/29/01 patrol reported deep crack @ grd line, possible pole rot; crew reported natural crack, pole ok	9/9/2002
NSW3406-0052		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP	9/12/2002
NSW3406-0052		Repair grd wire, Right side, Manual	GW	3/29/01 patrol reported grd wire broke @ static	9/12/2002
NSW3406-0053		CHANGE OUT, Both sides out	DP-NR	CHANGE OUT STR, installed str with 115kV posts	9/7/2002
NSW3406-0054		Repair pole top, Right side, Manual	PT	3/29/01 patrol reported pole top rot	9/7/2002
NSW3406-0054		REPAIR - Left side, Manual	BB	TOP ARM LEFT, BROKEN BRACE ON TOP XA - USE 65 BUCKET	9/7/2002
NSW3406-0056		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP	9/7/2002
NSW3406-0057		INSTALL NEW, Left side, Manual	DB	TOP ARM LEFT, BROKEN BRACE ON TOP XA - USE 65 BUCKET	9/7/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3406-0057		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP	9/7/2002
NSW3406-0058		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Manual	PT	ROTTEN POLE TOP & BROKEN BRACE ON TOP XA, unsure which side; middle xa only	9/7/2002
NSW3406-0059		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP & BROKEN BRACE ON RIGHT BOTTOM XA	9/7/2002
NSW3406-0060		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP	9/12/2002
NSW3406-0061		REMOVE POLE TOP AND CAP WITH POLE TOPPER, Right side, Manual	PT	ROTTEN POLE TOP	9/12/2002
NSW3409-0299	Transmission	Verify damage to pole	PF	7/26/02 System reported pole fire; Traphagen reviewed pole, but could not determine damage to polymer insulation. Roeder called in on OT to review. Roeder reported pole is burnt top to bottom. All posts opposite heat and were determined ok. Line re-energized.	7/26/2002
NSW3415-0315	Transmission Line	REPAIR WITH I-FOAM	WH	1 LARGE HOLE - Filled and Wire Meshed Pole	7/10/2002
NSW3415-0315	Transmission Line	REPAIR WITH I-FOAM	WH	WP HOLES	7/10/2002
NSW3415-0319	Transmission Line	REPAIR WITH I-FOAM	WH	WP HOLES - Filled Holes	7/10/2002
NSW3415-0321	Transmission Line	REPAIR WITH I-FOAM	WH	5 MED HOLES - FILLED 6 HOLES WITH 16 LBS FILL AND SCREENED POLE	7/15/2002
NSW3415-0323	Transmission Line	Repair stranded conductor - easy access (65' bucket)	DC		7/15/2002
NSW3416-0001		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	BOTH TALL POLES OF THIS 4 POLE STRUCTURE; cut off tops & installed pole toppers	4/18/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3416-0001		Install guy guard	GG	1 missing	6/4/2002
NSW3416-0001		TIGHTEN GUY WIRE	GU	Guy's ok	4/18/2002
NSW3416-0004		CHANGE OUT POLE	DP	WOOD PECKER AND ANT DAMAGE; replace str	4/18/2002
NSW3416-0007		CHANGE OUT POLE	DP	WOOD PECKER AND DECAY; replace str	4/17/2002
NSW3416-0008		CHANGE OUT POLE	DP	WOOD PECKER AND DECAY, HAS BEEN REINFORCED BUT THIS IS ABOVE. Replaced str & used 8' x 36" culvert	4/17/2002
NSW3416-0009		REPAIR WITTH I-FOAM	WH	Cut off top & installed pole topper, filled 3 holes, 9lbs	4/18/2002
NSW3416-0010		REPAIR GRID	RW	GRID IS WASHING OUT CAUSING A TRIPPING HAZZARD TO PUBLIC. Public no longer has access. Not	4/18/2002
NSW3417-0037		INSTALL NEW ANCHORS	GU	CREW WENT OT LOCATION 4/19/01 - CAUGHT OFF GUY TO OTHER ANCHOR. THESE ARE PIPE ANCHORS (4) AND NEED TO BE REPLACED. WILL NEED GO-TRACT/ALSO NEED BRUSHING	5/9/2002
NSW3417-0061		Replace insulation	IN	3/27/01 Patrol reported chipped bell, top phase	5/9/2002
NSW3417-0063	CRW	CHANGE OUT	DA	BOTTOM CROSSARM - CHANGE OUT DAMAGE XA / 3/28/01 Patrol noted minor lightening damage to brace. Recommends changing out complete structure. Str replace	5/9/2002
NSW3417-0063	CRW	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - WEST PHASE TOP ARM - REPLACE INSULATION ON TANGENT DOUBLE CRT. H-FRAME; Str replace	5/9/2002
NSW3417-0072	CRW	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - MIDDLE PHASE TOP ARM - REPLACE INSULATION ON TANGENT DOUBLE CRT. H-FRAME; Str replace for DOT project scope	5/9/2002
NSW3417-0074	CRW	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - WEST PHASE TOP ARM - REPLACE INSULATION ON TANGENT DOUBLE CRT. H-FRAME; All insulators replaced for DOT 29 project scope	5/9/2002
NSW3417-0142		Replace insulation	FI	3/28/01 Patrol reported flashed bells, top/bottom phase	12/9/2002
NSW3417-0144		Replace insulation	IN	3/28/01 Patrol reported chipped bell, bottom center phase; replace 11 DE bells	12/9/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0601	Transmission	REPAIR	BA	Steve Secrist report bottom xa broke @ through-bolt. Pole burned from cond contact. Roeder and Szymoniak repair bottom xa same day.	7/5/2002
NSW3421-0128		INSTALL NEW	GG	MISSING 2 GUY GUARDS	7/3/2002
NSW3421-0142		REPAIR WITH I-FOAM	WH	3 MED HOLES (COUNTING FROM STR. 140); 3 holes, 2 lbs	7/3/2002
NSW3421-0235		RECLIP POLE GROUND	GW	POLE GROUND LOOSE 2 FT FROM TOP OF POLE	7/3/2002
NSW3421-0236	Transmission Line	CHANGE OUT	BP	Crew found 236 leaning and twisted in steel trust. Good wind will bring it down.	7/5/2002
NSW3422-0041		REPAIOR LOOSE HARDWARE	DH	MIDDLE HORZ POST BURNT BOTTOM SIDE NEXT TO POLE; replace 2 posts	3/12/2002
NSW3422-0041		INSTALL POLE NUMBER	ID		2/26/2002
NSW3422-0042		INSTALL POLE NUMBER	ID		3/5/2002
NSW3422-0042		REPAIR GROUND ROD	GR	DRIVE GROUND ROD BELOW GRADE	3/5/2002
NSW3422-0043		CHANGE OUT	PT	SHELL ROT USE MAINTENANCE POLE	3/5/2002
NSW3422-0043		CHANGE OUT POST INSULATION HORIZONTAL	IN	BROKEN POST INSULATOR - MIDDLE PHASE	3/5/2002
NSW3422-0043		INSTALL POLE NUMBER	ID	1953 VINTAGE	3/5/2002
NSW3422-0044		INSTALL POLE NUMBER	ID		3/5/2002
NSW3422-0045		INSTALL POLE NUMBER	ID	55'	3/6/2002
NSW3422-0046		INSTALL POLE NUMBER	ID	55/3	3/5/2002
NSW3422-0047		INSTALL CANDLESTICK	DH	CANDLESTICK MISSING - ROEDER REPORT IT HAS CANDLE STICKS	3/5/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0047		INSTALL POLE NUMBER	ID	55/3	3/5/2002
NSW3422-0048		INSTALL POLE NUMBER	ID	65/3	3/5/2002
NSW3422-0049		CHANGE POST INSULATOR	IN	BOTTOM PHASE FIRST SKIRT, REODER REPORTED NO BROKEN SKIRT	3/5/2002
NSW3422-0053		VERIFY	DC	60 OUT FROM 53 TOWARDS 52, WIRE IS DISCOLORED, TWO BLACK MARKS: ROEDER REPORT NO PHYSICAL DAMAGE	3/6/2002
NSW3422-0056		REPAIR	GW	STATIC TO POLE GROUND OPEN (FIBER OPTIC); ROEDER REPORTED GRD WIRE OK	3/6/2002
NSW3422-0059	Ralph Melgard	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/13/2002
NSW3422-0060	Ralph Melgard	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/13/2002
NSW3422-0061	Ralph Melgard	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/13/2002
NSW3422-0062	Ralph Melgard	Install new grd wire & grd rods	GW	Steel poles were not grounded near Truax substation; Installed ground rods, wire & attached to steel pole	3/13/2002
NSW3422-0078		REPLACE INSULATION	IN	MIDDLE & BOTTOM INSULATORS CHIPPED; replace 4 bells	3/11/2002
NSW3422-0080		REPAIR	DG	REPORTED AS DAMAGE TO GUYING; replace preforms	3/11/2002
NSW3422-0080		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	3/6/2002
NSW3422-0081		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	3/6/2002
NSW3422-0082		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	3/6/2002
NSW3422-0082		REPLACE INSULATION	IN	MIDDLE PHASE BROKE SKIRT, INSULATOR KEYS NOT SEATED ON MIDDLE & BOTTOMS PHASES; replaced 4 bells. Keys removed for anti-noise keepers	3/11/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0089		REPAIR	GW	NEED GRD RODS & STAPLES; completed	3/11/2002
NSW3422-0089		REPLACE INSULATION	IN	CENTER & BOTOM PHASES; replace 4 bells	3/11/2002
NSW3422-0090		REPAIR	GW	NEED GRD RODS & STAPLES; completed	3/11/2002
NSW3422-0090		REPLACE INSULATION	IN	CHIPPED INSULATOR; completed	3/11/2002
NSW3422-0090		CHANGE OUT	DB	MIDDLE ARM OF Z ARM ASSY SPLINTERED, REPLACE; completed	3/11/2002
NSW3422-0100		REMOVE OLD ANCHOR	RW	OLD STATIC ANCHOR 70' S OF STR. CHOPSAW; completed	3/11/2002
NSW3422-0101		REPAIR BIRDCAGE	DC	NO BROKEN STRANDS, JUST LOOKS BAD PER ROEDER	3/6/2002
NSW3422-0101		TIGHTEN LOOSE BOLTS	DH	FIRST SPLICE PLATE NORTHEAST LEG; ROEDER REPORTED 3/4" X 2 1/2" BOLT MISSING, 3 LOCKNUTS MISSING & SOME BOLTS MISSING.	3/11/2002
NSW3424-0055	Transmission Line	Repair broken strand	DC	3/26/01 Crew reported top conductor has broken strand 1 W of armor rod. Crew applied repair rod	4/22/2002
NSW3424-0058	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA - NO AERIAL WARNING SIGNS - PRIORITY 3. 6/7/2000 Crew installed antenna signs @ #53 & #64	4/22/2002
NSW3427-0150	CRW	REPAIR WITH I-FOAM	WH	AT TOP OF POLE	6/19/2002
NSW3427-0152		Replace mechanical terminal pads with compression type	DH	Trans crew reported jumpers in mechanical pads	6/19/2002
NSW3427-0451	CRW	Monitor structure	BG	THIS IS A STORM GUY, SECURED GUY TO POLE 6/6/97 WILL NEED NEW ANCHOR & GO-TRACT, CALL BEFORE GOING IN, COULD MAYBE COME IN FROM WEST BY SHACK RICK & TAMMY HEIL 455-1882 / MAYBE THROUGH TODD NICHOLSON PROPERTY - 6/26/01 monitor condition annually	6/19/2002
NSW3427-0452		Replace dead-end structure	SR	BOTH POLES HAVE ROTTEN TOPS, DOWN AT LEAST 2 WITH 1 SHELL REMAINING, WITH NUMEROUS CRACKS SO NOT CONDUCIVE TO FILLING WITH	6/19/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3427-0453		Replace dead-end structure	SR	ROTTON TOP IS 30 DOWN WITH 1 OF SHELL REMAINING. OTHER POLE HAS A HOLE 6 X 4 BY THE ARM. THIS IS A DEADEND STRUCTURE. CREW INSTALLED POLE TOPPERS TO BUY SOME TIME.	6/19/2002
NSW3427-0554		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP	6/19/2002
NSW3429-0166	Amery Crew	REINFORCE WITH WOOD STUB	BP	truck hit pole, local forces installed stub. Reported back that pole is good for 10 years.	3/22/2002
NSW3431-0153		Install repair rod, or full tension sleeve on stranded shield wire	DC	Shield unraveling 40' North of str 153 per Eric Larson; crew installed repair rods	4/1/2002
NSW3431-0158		CHANGE OUT POST INSULATOR HORIZONTAL	IN	NO PHASE GIVEN; crew replaced top post	4/1/2002
NSW3431-0159		CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larson reported all posts damaged; crew replaced all	4/1/2002
NSW3431-0232		VERIFY	PF	Larson reported marks on post(s); crew replaced 1 post	4/1/2002
NSW3437-0176-18	Transmission	REPAIR OPERATING COLLAR & CALL SYSOP WHEN COMPLETED	SO	After further inspection the crew found a broken bolt in the linkage causing the operating; Roeder replaced 3/8" stainless stel capscrew & brace bushing found on grd. collar not to be engaged. 8/23/02 SysOp Report: After further inspection the crew found a broken bolt in the linkage causing the operating collar not to be engaged. Before switching the MOD 4L159 operating collar was found in the dis-engaged position. Left on manual, dis-engaged h/c for e.c. disp.	8/26/2002
NSW3445-0003	Transmission Line	REPAIR	DC	REPAIR: 4/18/02 Roeder reported switch is pin/cap & has wood isolators and bad handle. 10/14/02 Crew replace pole, moved switch to str 1 location.	10/14/2002
NSW3445-0006		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; 4holes, 6lbs	7/16/2002
NSW3447-0103	Transmission Line	Replace TC 0301(K) 70/3 with Go Track	DP	8/1/01 Haffenbredl reported carpenter ants working above grade. 2" shell for several feet. Installed 65/2 (set 2 temp poles to hotstick cond out. Set pole in 42" x 10' culvert with rock)	8/7/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3447-0105		RESET POLE	LS	LEANING 24"+	8/7/2002
NSW3450-0048	Transmission Line	MONITOR CONDITION	DP-NR	Crew reported red tag arrow points up - This pole has decay pocket 8 feet above groundline. Groundline is fine. Recheck pole in 1 year; Project cancelled by NSM - further investigation showed pole strength ok	10/1/2002
NSW3454-0012		Reinforce with Steel Truss	DP-RR	3" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	1/18/2002
NSW3454-0012-A		Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 56" Reinforced with (1) 1080x11	1/18/2002
NSW3454-0018		Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	1/18/2002
NSW3454-0024		Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	1/18/2002
NSW3454-0025		Reinforce with Steel Truss	DP-RR	3" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11 truss	1/18/2002
NSW3470-0014	Ashland Crew	INSTALL SLEEVE ON DAMAGED CONDUCTOR	DC	Air Patrol reported shield wire unraveld @ str 14 - Check shield on tap to DPC Ashland. Note: new line, unit info available later.	2/14/2002
NSW3471-0569-1		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	4/26/2002
NSW3472-0265	Hooper	INSTALL NEW	GG	1 MISSING	9/10/2002
NSW3472-0275	Hooper	INSTALL NEW	GG	1 GUY GUARD MISSING (IN FIELD)	9/10/2002
NSW3472-0276	Hooper	Install new GG	GG	Roeder reports guy guard missing	9/10/2002
NSW3477-0049		Change Out Post Insulation Vertical	IN	9/1/02 Phillips crew replace blown center phase insulator/	9/2/2002
NSW3477-0078		Replace TB0201 with 50/3 pole (RFO-7678582 for 0745 on 2/28/02)	WH	POLE TOP FROM ARM TO BRACE MAY BE HOLLOW - 99 HELO REPORTED PROBLEM AS PRIORITY: 2/21/02 Roeder reported pole hollow from top to 2' below braces. (Need Soft Track & culvert); replace str with mnt pole	2/27/2002
NSW3477-0132		REPAIR	GW	GROUND WIRE IS LOOSE FOR 6': Roeder reported repair possibly by local crew.	2/19/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3477-0189		RECLIP/RETIE	DH	ARM TWISTING - Tie top; reclipped & tighten hrdw	2/27/2002
NSW3477-0189		RESTAPLE GROUND WIRE	GW	restapled grd wire	2/27/2002
NSW3477-0209		CHANGE OUT	IN	MAJOR BROKEN SKIRTS ON VERTICAL POST INSULATOR ON WEST PHASE - PRIORITY 4; insulator was changed, tightened hrdw & center tie	2/27/2002
NSW3477-0240		RECLIP/RETIE	DH	ARM TWISTING with pole lean 18" inline, not crooked in ground. Reclipped str & tighten hrdw	2/27/2002
NSW3477-0309		RECLIP/RETIE	DH	ARM TWISTING; 2/19/02 Roeder reported possible XA replacement - tie top. Reclipped str & tighten hrdw. XA ok	2/26/2002
NSW3477-0342		RECLIP/RETIE	DH	LOOSE TIE WIRE TOP PHASE; 2/19/02 Roeder reported possible flashed post, slight angle. Reclipped top ph	2/26/2002
NSW3477-0350		RECLIP/RETIE	DH	ARM TWISTING. Reclipped str, tighten hrdw & replaced flashed post	2/26/2002
NSW3477-0391		RECLIP/RETIE	DH	ARM TWISTING: 2/19/02 Roeder reported possible XA replacement, rot on N face. Reclipped str & tighten hrdw. XA is ok	2/26/2002
NSW3477-0397		RECLIP/RETIE	DH	LOOSE TIE WIRE TOP PHASE: 2/19/02 Roeder reported buttons all intact. Will hold until pole replcement.	2/19/2002
NSW3477-0401		RECLIP/RETIE	DH	ARM TWISTING; install new xa & 3 posts	2/26/2002
NSW3477-0403		RECLIP/RETIE	DH	ARM TWISTING. Reclipped str & tighten hrdw	2/26/2002
NSW3477-0423		RECLIP/RETIE	DH	ARM TWISTING. Straighted xa & retied	2/26/2002
NSW3484-0001	Transmission Line	VERIFY	DH	SAME TYPE OF CLEVIS AS WAS CHANGED OUT IN 97, PINS LOOKED OK BUT NEED CLOSER LOOK; 1/29/02 Roeder reported ok	1/29/2002
NSW3484-0002	Transmission Line	Change out damper & replace clevis ball to short Y-ball clevis on all strings.	VD	TOP PHASE NORTH CIRCUIT 100 OUT FROM DEADEND - BOTTOM PHASE SOUTH CIRCUIT: TLC also replace clevis balls with Y-ball clevis - all phases	2/6/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3484-0002	Transmission Line	CAUTION!!! Pin out North circuit, bottom phase East side. Replace 6 flashed insulators & change out clevises to short Y-ball clevis. Use 25,000 lb bells	FI	TOP PHASE EAST SIDE (RIVER) SOUTH CIRCUIT: TLC replace clevis ball's wit Y-ball clevis's, replace bent damper; installed grd rods & bonded tower legs 2/18/02. Also replace missing bolts & tightend loose bolts. (NW 75 ohms, NE 60, SE 49, SW 40)	2/6/2002
NSW3484-0003	Transmission Line	S Circuit: T ph W DE, 5 flashed & 1 broke; M ph E DE, 4 flashed & 1 broke; B ph W DE, remove shoot-on / install 4/0 space, loop sleeve & wire in jumper; N Circuit: T ph W DE, 3 flashed & 1 broke; M ph West DE, 6 flashed; B ph W DE, 2 flashed - 25G bells	IN	TLC replaced 30 DE bells, replace DE body on river xing side & installed new jumper with paddle & loop sleeve; 2/18/02 installed ground rods & bonded tower legs, (NW leg 760 ohms, NE 620, SE 680, SW 570)	2/7/2002
NSW3484-0004	Transmission Line	N circuit B ph E DE, 1 chipped bell (1st bell on cold end)	IN	BOTTOM PHASE NORTH SIDE; TLC replaced 5 broken bells	2/6/2002
NSW3484-0005	Transmission Line	CHANGE OUT POST VERTICAL	FI	1 FLASHED PIN CAP INSULATOR ON TOP PHASE NORTH SIDE, Roeder reported gray vertical post insulator	1/29/2002
NSW3484-0011	Transmission Line	RECLIP	DH	ALL PHASES; TLC reclipped all & replaced 1 flashed pin ins & replaced 1 burned armor rod.	2/11/2002
NSW3484-0011	Transmission Line	Grd wire missing from ridge iron to bottom XA	GW	TLC replace 25' of grd wire.	2/11/2002
NSW3484-0011	Transmission Line	INSTALL POLE NUMBER	ID	Roeder reported str number on West side of str.	1/29/2002
NSW3484-0012	Transmission Line	W circuit, B ph, 3rd from cold end chipped bell; E circuit, B ph, 1st from cold end chipped	IN	BOTH BOTTOM PHASES; TLC replace 5 bells.	2/11/2002
NSW3484-0029	Transmission Line	Reclip top & bottom phases & tighten arm bolts	DH	TOP PHASES; TLC reclipped str.	2/11/2002

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NSW3484-0030	Transmission Line	Reclip & tighten arm bolts	DH	TOP PHASES; TLC reclipped str.	2/11/2002
NSW3484-0036	Transmission Line	RECLIP	DH	TOP PHASES; TLC reclipped str.	2/11/2002
NSW3484-0037	Transmission Line	1/29/02 Roeder reported pole hollow, replace str.	WH	TLC replace str with new horz post type, center posts on brackets.	2/12/2002
NSW3484-0038	Transmission Line	REMOVE POLE TOPS AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS; TLC cut off pole top & installed pole topper.	2/12/2002
NSW3484-0063	Transmission Line	May need to lower band & XA; tighten top ph guy between poles. Replace wood strain with fiberglass	PT	ROTTEN POLE TOP (BACK POLE); TLC reported pole not rotten only hit by lightening. Repaired with I-Foam, 2nd pole capped with topper. Replace wood strain with	2/13/2002
NSW3484-0063	Transmission Line	REPAIR WITH I-FOAM	WH	1 LARGE HOLE; TLC filled 3 holes, 9 lbs, screened 18'	2/13/2002
NSW3484-0065	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP (BACK POLE) REPORTED AS STR. #64; TLC fill hole with 3lbs	2/13/2002
NSW3484-0065	Transmission Line	REPLACE INSULATION	FI	Top W ph center replaced 6 bells.	2/11/2002
NSW3484-0065	Transmission Line	REPLACE ARM	DA	STATIC ARM; TLC replaced 14' dbl static XA. Note: static DE's from N as 5/16". South as 3/8"	2/13/2002
NSW3484-0066	Transmission Line	Tangent pole line looks pretty straight. Possible slight angle. Straighten and monitor. Check str 67 when all done to see if it needs	LS	CROSSLINE 3': TLC raked pole 8" due to slight angle.	2/11/2002
NSW3484-0071	Transmission Line	REPAIR DAMPER	VD	DAMPER SLIPPING TOWARDS RIVER; TLC repositioned damper to proper location.	2/13/2002
NSW3484-0071	Transmission Line	TIGHTEN GUYS	GU	BOTTOM GUYS: TLC re-pulled 6 guys.	2/13/2002
NSW3484-0088	Transmission Line	REPAIR WITH I-FOAM - Hwy 53 Bypass, MONITOR	WH	1 LARGE HOLE: TLC filled 1 hole, 3lbs	2/14/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3484-0089	Transmission Line	REPAIR WITH I-FOAM - Hwy 53 Bypass, MONITOR	WH	ALSO SCREEN POLE: TLC only screened pole with 16 sheets to last until 53 bypass impacts this str.	2/14/2002
NSW3484-0090	Transmission Line	REPAIR WITH I-FOAM - Hwy 53 Bypass, MONITOR	WH	3 MED HOLES, ALSO SCREEN POLE; TLC filled 3 holes, 9lbs. No screen - 53 bypass will impact this str.	2/14/2002
NSW3484-0090	Transmission Line	Replace only if XA will not last 3 years - Hwy 53 Bypass	DA	TOP ARM IS CRACKED; TLC replace top/bottom XA's & one flashed insulator	2/14/2002
NSW3484-0091	Transmission Line	Install anchors to stabilize structure until str removed for 53 Bypass	WO	GROUND IS ERODING 4 DOWN - 1 TO 1 1/2 OF DIRT ON SIDE OF POLE REMAINING; TLC added side guys to stabilize str	2/14/2002
NSW3484-0092	Transmission Line	Replace only if XA will not last 3 years - Hwy 53 Bypass	DA	TOP ARM IS CRACKED; TLC reported XA will last 3 years until impacted by 53 bypass. Replace one flashed	2/14/2002
NSW3484-0092	Transmission Line	INSTALL STRUCTURE NUMBER	ID	ID MISSING	1/29/2002
NSW3485-0006		Install johney balls in phase down guys & replace static down guy & redo ground connection - 16M directly to grd rod &rd rod.	DH	SAFETY ISSUE; replace down guys with johney ball's in cond guys & grounded static guy at both ends.	2/25/2002
NSW3485-0007		Re-dead end shield to pole.	GW	GROUNDING CLAMP IS MISSING AT POLE BASE; regrounded pole	2/25/2002
NSW3485-0058		MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION; str replaced	2/21/2002
NSW3485-0058		RESET POLE	LS	LEANING CROSSLINE 18" - 24"; str replaced	2/21/2002
NSW3485-0058		REPAIR	GW	LOOSE GROUND WIRE; str replaced	2/21/2002
NSW3485-0058		Move str 58 East in line 5 to 10' (Clamp top AGS)	DP	HIT BY PLOW? 3'H X 18"W X2-3" DEEP; str replaced & moved 10' East of existing. Used 88kV posts	2/21/2002
NSW3485-0058		REPLACE INSULATION	FI	TOP & MIDDLE PHASES; str replaced	2/21/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3485-0089		INSTALL ANTENNA SIGNS	ID	1/4 MILE EACH SIDE OF STRUCTURE (ANTENNA LOCATED BETWEEN STRS 89-90) 2/11/02 Roeder reported 3 ph underbuild. 65' bucket would be very helpful; signs @ 87 & 91	2/19/2002
NSW3485-0098		Clean sw grate, replace bent aluminum reach rods & install compression spades.	GP	Sw grates grown over; cleaned & replaced bent reach rods, installed comp pads & adjusted sw's 4E154 & 4E155	2/19/2002
NSW3601-0023	Transmission Line	REPAIR	WH	FILLED1 MEDIUM WPK HOLE WITH APPROX 1/2 LB FILLER.	12/16/2002
NSW3601-0025		Repair With I-Foam	WH	Filled WP Holes and Screened Pole	12/16/2002
NSW3601-0032	Transmission Line	TIGHTEN GUY WIRE	GU	DOWN GUY LOOSE - REPULLED DOWN GUY	12/17/2002
NSW3601-0057	Transmission Line	REPAIR	GW	GROUND WIRE LOOSE AT 5 FT - STAPELED GROUNDWIRE	12/17/2002
NSW3601-0074	Transmission Line	TIGHTEN GUY WIRE	GU	DOWN GUY LOOSE - NO GUY WIRES ON THIS POLE & GROUND WIRE IS FINE	12/17/2002
NSW3604-0909		CHANGE OUT	RP	POLE HOLLOW LARRY RECOMMENDS REPLACEMENT - 11/10/99 WILL LAST 4 YEARS; 7/11/02 Haffenbredl reported pole punky, replaced str - 40/4 & new xa	9/18/2002
NSW3604-1003		RESET POLE	LS	CROSSLINE 18 TO 24"	9/25/2002
NSW3604-1004		RESET POLE	LS	CROSSLINE 18 TO 24"	9/25/2002
NSW3604-1006		CHANGE OUT	DA	CROSS ARM ROT. Transmission XA OK. Distribution XA has problem - sent to Dave Zak 10/30/02	9/25/2002
NSW3606-0064		REPAIR	VD	REPAIR - crew reported str gone (Gingles project)	7/31/2002
NSW3606-0313		REPAIR	VD	REPAIR; crew reported no DE either side. No dampers needed	7/31/2002
NSW3606-0414		REPAIR	VD	REPAIR; crew reported no DE either side. No dampers needed	7/31/2002
NSW3606-0414		REPAIR WITH I-FOAM	WH	1 LARGE HOLE, 2 holes, 14lbs	7/31/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3607-0159		Install Sleeve	DC	Crew replaced twist sleeve 200' West of structure	7/31/2002
NSW3607-0241	Hooper	WIRE SHUT EXISTING SWITCH 3R108 BLADES & RCONTROL ROD, CONTROL HANDLE AND SWITCH GRATES REMOVE FROM SERVICE. SWITCH NUMBER TO BE REMOVE OFF POLE AND TRANSFER TO STR 238	SO	EXISTING SWITCH 3R108 BLADES WIRED SHUT & CONTROL ROD, CONTROL HANDLE AND SWITCH GRATES REMOVE FROM SERVICE. SWITCH NUMBER TO BE REMOVE OFF POLE AND TRANSFER TO STR 238 (Decomissioned switch / blades wired shut)	2/7/2002
NSW3607-0299	Hooper	WIRED SHUTEXISTING SWITCH 3R106 BLADES & REMOVE CONTROL ROD, CONTROL HANDLE AND SWITCH GRATES FROM SERVICE. SWITCH NUMBER TO BE REMOVE OFF POLE AND TRANSFER TO STR 300.	SO	EXISTING SWITCH 3R106 BLADES WIRED SHUT & CONTROL ROD, CONTROL HANDLE AND SWITCH GRATES REMOVE FROM SERVICE. SWITCH NUMBER TO BE REMOVE OFF POLE AND TRANSFER TO STR 300. (Switch Decomissioned, blades wired shut)	2/7/2002
NSW3607-0442	IRW	Change out modified TB0201(C), all phases on xa 45/3	RP	DAN ADAMS REPORTED: bad pole on the 34.5kV line on the end of 7th Ave S behind address 311. 10 up pole only about 3 shell left. 4/01 Roeder report hollow 10 off grade. Str has shield & supports 3 ph underbuild. Pole looks like 50 on brand. Replace pole with used 45/3	3/20/2002
NSW3609-0140	HPR	REPAIR WITH I-FOAM	WH	1 MED HOLE - 2lbs	7/31/2002
NSW3609-0196	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; FILLED 2 HOLES WITH 4 LBS FILL	7/31/2002
NSW3610-0072		UNSPECIFIED ASSIGNMENT	RW	POLE ON RW MIDWAY BETWEEN 72-73 - crew could not find pole	7/31/2002
NSW3610-0080		TIGHTEN GUY WIRE	GU	SIDE GUYS; Roder reported GG's tighten by HPR?	9/6/2002
NSW3610-0086		CHANGE OUT POST INSULATION	FI	PIN CAP CENTER PHASE; Roeder reported HRP changed center post to clamp top	9/6/2002
NSW3610-0099		CHANGE OUT	DA	CROSS ARM ROT; XA ok!	7/31/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3610-0102	HPR	CHANGE OUT	DP-NR	PUT IN NEW 55/3; crew reported str replaced	7/30/2002
NSW3610-0102		UNSPECIFIED ASSIGNMENT	RW	NEW POLE FRAMED AND LAYING ON R/W	7/30/2002
NSW3610-0103		REPAIR WITH I-FOAM	WH	1 MED HOLE AT TOP; crew reported not worth filling	7/30/2002
NSW3610-0128		REPAIR	DC	DAMAGED CONDUCTOR - 10 NORTH WEST PHASE-APPEARS TO BE BULLET WOUND; crew check 2 spans - no damage	7/30/2002
NSW3610-0140		CHANGE OUT	DA	DAMAGED ARM - REPLACE THE ROTTEN H-FRAME TYPE ARM; crew reported laminated xa, lightening hit and a sliver 1/2" x 18" showing - OK	7/30/2002
NSW3610-0150		UNSPECIFIED ASSIGNMENT	RW	OLD PORCELAN INSULATOR LAYING IN RW BY POLE; crw picked up glass	7/30/2002
NSW3610-0158		UNSPECIFIED ASSIGNMENT	RW	OLD POLE HOLE NOT FILLED 14"; filled hole	7/30/2002
NSW3610-0159	HPR	VERIFY	AD	ARRESTOR DEFECTIVE - MISSING; removed	7/30/2002
NSW3610-0167		Repair	DP	7/30/02 crew found ants working in pole; drilled 4 holes & added Cop-R-Nap & pluged holes	7/30/2002
NSW3611-0014	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/7/2002
NSW3611-0017	Transmission	INSTALL ANTENNA WARNING SIGN	ID	ANTENNA WARNING SIGN MISSING; Crew reported antenna is tree top high, no need for sign	11/7/2002
NSW3611-0028		CHANGE OUT	AD	BLOWN ARRESTOR, remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator & connections	11/7/2002
NSW3611-0041	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections amd 2 Polymer Horizontal Insulators	11/12/2002
NSW3611-0043		CHANGE OUT	AD	BLOWN ARRESTOR, crew reported arrestor OK	11/6/2002
NSW3611-0044		CHANGE OUT	DH	Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	11/6/2002
NSW3611-0045		REPAIR WITH I-FOAM	WH	1 MED HOLE, not worth filling	11/6/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0045		TIGHTEN GUY WIRES	GU	LOOSE DOWN GUYS	11/6/2002
NSW3611-0046	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections. Tightened downguys	11/6/2002
NSW3611-0059		TIGHTEN GUY WIRES	GU	LOOSE DOWN GUYS, guys were ok	11/6/2002
NSW3611-0071		CHANGE OUT	AD	REPLACE/REMOVE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/6/2002
NSW3611-0072		MONITOR	WH	1 SMALL HOLE, 2lbs	11/6/2002
NSW3611-0082		CHANGE OUT	AD	BLOWN ARRESTOR,m Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/6/2002
NSW3611-0082	Transmission Line	Repair With I-Foam	WH	Filled 2 holes with 4 lbs fill	11/6/2002
NSW3611-0093		CHANGE OUT	DH	1 ARRESTER IS GONE	11/6/2002
NSW3611-0094		REPAIR WITH I-FOAM	WH	1 MED HOLE	11/6/2002
NSW3611-0107		CHANGE OUT	DH	1 ARRESTER IS GONE - Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator & connections	11/12/2002
NSW3611-0108		CHANGE OUT	AD	BLOWN ARRESTOR, arrestor was OK	11/12/2002
NSW3611-0109		REPAIR WITH I-FOAM	WH	1 MED HOLE, holes were filled	11/5/2002
NSW3611-0109		CHANGE OUT	AD	BLOWN ARRESTOR, arrrestor was OK	11/5/2002
NSW3611-0112		REPAIR WITH I-FOAM	WH	1 MED HOLE, holes were filled	11/5/2002
NSW3611-0120	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections.	11/5/2002
NSW3611-0121	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections.	11/5/2002
NSW3611-0122		REPAIR WITH I-FOAM	WH	2 MED HOLES, 4lbs	11/13/2002
NSW3611-0126	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections and (2) 69 KV Polymer Insulators	11/5/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0139	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/5/2002
NSW3611-0140		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/18/2002
NSW3611-0145	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002
NSW3611-0146	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002
NSW3611-0147	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002
NSW3611-0148	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections amd 2 Polymer Horizontal Insulators	11/19/2002
NSW3611-0149		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/19/2002
NSW3611-0157	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002
NSW3611-0158		REPAIR WITH I-FOAM	WH	3 MED HOLES - no holes, only knotts.	11/19/2002
NSW3611-0158	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002
NSW3611-0159		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	11/19/2002
NSW3611-0165		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/19/2002
NSW3611-0166		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, DE bell & connections	11/19/2002
NSW3611-0172		REMOVE	AD	ARRESTOR DEFECTIVE - REPLACE ON THORTEC CONST, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/19/2002
NSW3611-0174	Transmission Line	Change Out	AD	Changed out arrestors, groundwire, ground rod and connections	11/19/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0177		REPAIR WITH I-FOAM	WH	POLE NUMBER MAY NOT BE CORRECT, crew reported no WPK holes	10/31/2002
NSW3611-0177	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/30/2002
NSW3611-0180	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and 1 insulator	10/30/2002
NSW3611-0193		CHANGE OUT	DH	MORE THAN 1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/31/2002
NSW3611-0196		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0199		REMOVE	AD	ARRESTOR BLOWN - REPLACE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod &	10/30/2002
NSW3611-0200	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/30/2002
NSW3611-0206	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/30/2002
NSW3611-0210		CHANGE OUT	AD	BLOWN ARRESTORCrew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0221		REPAIR WITH I-FOAM	WH	1 MED HOLE, no holes	11/20/2002
NSW3611-0223		CHANGE OUT	DH	MORE THAN 1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0233		CHANGE OUT	FI	Replace all horz pole mounting post insulators	10/30/2002
NSW3611-0233		UNSPECIFIED ASSIGNMENT	RW	PULP UNDER LINE BETWEEN STR. 232 AND 233, no pulp at this time under line	10/30/2002
NSW3611-0233		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0237		CHANGE OUT	DH	1 ARRESTER IS GONE - duplicated	10/24/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0237		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/24/2002
NSW3611-0239		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0240		CHANGE OUT POST INSULATOR HORIZONTAL	FI	1 FLASHED HORIZONTAL POST INSULATOR (ALL 3 ON SAME SIDE OF POLE), replace one post & fixed grd wire	10/30/2002
NSW3611-0253		CHANGE OUT	AD	BLOWN ARRESTOR, arrestor is OK	10/30/2002
NSW3611-0254		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/30/2002
NSW3611-0255		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/24/2002
NSW3611-0256		CHANGE OUT	AD	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/23/2002
NSW3611-0257		CHANGE OUT	DH	Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/23/2002
NSW3611-0259		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/23/2002
NSW3611-0259	Transmission Line	Change Out	FI	Changed out 2 Flashed Insulators - 69 KV Polymer Insulators	10/23/2002
NSW3611-0262		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/23/2002
NSW3611-0265		CHANGE OUT	AD	Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections on DE str	10/23/2002
NSW3611-0269		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/23/2002
NSW3611-0275	Transmission Line	Change Out	AD	Installed new arrestor, insulator, groundwire, ground rod and connections	10/22/2002
NSW3611-0282		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/23/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0283	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections	10/22/2002
NSW3611-0284		REPAIR WITH I-FOAM	WH	1 LARGE HOLE, large knot only	10/29/2002
NSW3611-0285		REPAIR WITH I-FOAM	WH	1 LARGE HOLE - LOOKS HOLLOW, 4lbs	10/29/2002
NSW3611-0290		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/23/2002
NSW3611-0298		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/23/2002
NSW3611-0298		CHANGE OUT POST INSULATOR HORIZONTAL	IN	Larry Robers reported road post broken, replaced	10/23/2002
NSW3611-0300	Transmission Line	Change Out	AD	Installed new arrestor, insulator, groundwire, ground rod and connections	10/22/2002
NSW3611-0304		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/22/2002
NSW3611-0305		CHANGE OUT	DH	1 ARRESTER IS GONE, , Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/22/2002
NSW3611-0307		CHANGE OUT	AD	BLOWN ARRESTOR, str ok	10/22/2002
NSW3611-0308		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/22/2002
NSW3611-0309		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/22/2002
NSW3611-0314		REPAIR	GW	GROUND WIRE LOOSE AT 5 FT - crew reported this is how grd wire installed on heavy angle structures	10/22/2002
NSW3611-0318		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	11/12/2002
NSW3611-0331		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	10/22/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3611-0332		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/22/2002
NSW3611-0334		CHANGE OUT	AD	BLOWN ARRESTOR, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	10/29/2002
NSW3611-0364		INSTALL GUY GUARD	GG	1 GUY GUARD MISSING	11/4/2002
NSW3611-0365		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod, post insulator/shoe & connections	11/4/2002
NSW3611-0366	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and (2) 69KV Polymer Post Insulators	11/11/2002
NSW3611-0367		CHANGE OUT POST INSULATION	FI	1 FLASHED HORIZONAL INSULATOR (TRIANGULAR CONSTRUCTION)	11/11/2002
NSW3611-0375	Transmission Line	Change Out	AD	Installed (2) 69KV Polymer Post Insulators	10/22/2002
NSW3611-0376		CHANGE OUT	DH	1 ARRESTER IS GONE, Crew remove old arrestor, install new OB 600022-5003, grd wire/rod & connections	11/5/2002
NSW3611-0383	Transmission Line	Change Out	AD	Installed new arrestor, groundwire, ground rod and connections and (1) Horizontal Post Insulator	11/11/2002
NSW3611-0395		TIGHTEN DOWN GUYS	GU	DOWN GUYS LOOSE, no guys on this str	11/5/2002
NSW3612-0001-3		REPAIR	BG	GROUND WIRE NOT BONDED TO POLE, MIDDLE POLE BETWEEN 3615 AND 3650; 7/31/02 crew reported pole does not exist	7/31/2002
NSW3629-0057	Hooper	CHANGE OUT SUSPENSION INSULATION ON TANGENT STR	FI	FLASHED INSULATOR ON TOP PHASE; Replace 3 strings, 12 bells	3/18/2002
NSW3629-0065	Hooper	CHANGE OUT SUSPENSION INSULATION ON TANGENT STR	FI	FLASHED INSULATOR ON TOP, MIDDLE, AND BOTTOM PHASES; Replace 3 strings, 12 bells	3/18/2002
NSW3629-0219	Hooper	REMOVE GLASS	XX	OLD GLASS AT BOTTOM OF STR - Removed to dumpster	4/24/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3629-0367	Hooper	CHANGE OUT TB 0201 (C) 40/3	PT	ROTTEN POLE TOP 4/01 Roeder reported str needs replacement; Used 40/3 & new xa, posts	2/13/2002
NSW3629-0517	Hooper	CHANGE OUT TB 0203 (C) 40/3	LS	LEANING STRUCTURE - CROSSLINE 2 OUT OF PLUMB NOW 3 OUT OF PLUMB 10/08/95; 4/01 Roeder reported str needs replacement; Used 40/3 new xa, posts	2/14/2002
NSW3630-0014	Hooper	CHANGE OUT POST INSULATION	FI	1 FLASHED VERTICAL POST INSULATOR ON NORTH PHASE - DOUBLE ASSY; Installed 6 post clamp tops	2/11/2002
NSW3630-0039	Hooper	CHANGE OUT POST INSULATION VERTICAL - (REPORTED AS STR 65)	FI	2 FLASHED INSULATORS ON TOP PHASE - THIS WAS REPORTED AS STR. 65 BUT NO SUCH STR # IN RECORDS.; replaced 3 vert clamp top posts	2/11/2002
NSW3630-0099	Hooper	CHANGE OUT ROTTEN CROSSARM	DA	ROTTEN CROSSARM 4/19/01 Roeder reported pole ok; replaced xa, 3 post clamp tops	2/12/2002
NSW3630-0110	Hooper	CHANGE OUT POST INSULATION	IN	1 BROKEN VERTICAL POST INSULATOR ON CENTER PHASE; replace 2 clamp tops on center phase	2/12/2002
NSW3630-0115	Hooper	Change out poles, 50 & 55 , modify buck arm corner - call Roeder @ 715-577-1710 for direction.	PT	ROTTEN POLE TOP (LINE 3640 TAP POLE) 4/01 Roeder reported replace pole & clear up corner; Installed 55/3, 4 10' xa's, 7 clamp top posts, 12 bells, Removed 50 & 55' pole, 8 posts, 4 xa's & 9 bells.	2/15/2002
NSW3630-0150	Hooper	TIGHTEN GUY WIRES	GU	BETWEEN STRS 140 AND 150 HAS LOOSE DOWN GUYS	2/18/2002
NSW3630-0164	Hooper	CHANGE OUT POST INSULATION HORIZONTAL	FI	FLASHED INSULATOR ON TOP PHASE, replace 3 clamp top posts	2/19/2002
NSW3630-0179	Hooper	REPAIR GUY	DG	BROKEN DOWN GUY	2/21/2002
NSW3630-0418	Hooper	CHANGE OUT TB 0201 (C) 45/3	DA	CROSSARM ROT 4/01 Roeder recommends replacing structure; Used 45/3 pole, xa & posts	2/18/2002
NSW3630-0427	Hooper	CHANGE OUT TB 0201 (C) 45/3	DA	ROTTEN CROSSARM 4/01 Roeder recommends replacing structure; Used 45/3 pole, xa & posts	2/18/2002
NSW3630-0428	Hooper	Change out TB 0201 (C) 40/3	DP-NR	Installed 40/3, xa, 3 clamp top posts	3/15/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3630-0432	Hooper	Change out TB 0203 (C) 40/3	PT	HOLLOW POLE TOP 4/01 Roeder recommends replacing structure; Installed 40/3, 2 xa's & 6 clamp top posts	3/16/2002
NSW3631-0014	Hooper	CHANGE OUT POST INSULATOR VERTICLE	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT TRIANGULAR PIN AND CAP NORTH PHASE; Installed 6 clamp top posts	4/5/2002
NSW3631-0029	Hooper	Change out 50/3 Modified TB 0201(C)	RP	4/20/01 Roeder reports pole has silver tag & is hollow. Pole has shield wire, all phases on xa; Use 50/3 xa & insulators	4/4/2002
NSW3631-0041	Hooper	Change out TB 0201 (C) 45/3	PT	ROTTEN POLE TOP, 4/20/01 Roeder reports grd line rotten, ants, recommended replace pole. Used 45/3, xa, & clamp top posts	4/1/2002
NSW3631-0043	Hooper	Change out 50/3 TB 0208 (D)	PT	POLE TOP ROT 4/20/01 Roeder reports replace str. Need 4 anchors, 3 pole bands, 18 B&S bells, 3 1/0 DE shoes, 6 fiberglass strains & guy wire. Wire changes from 1/0 - 4/0; Installed 50/3, 2 anchors, 18 bells, shoes, 5 strains & guy wire.	3/28/2002
NSW3631-0044	Hooper	Change out 45/3 TB 0203 (C)	PT	POLE TOP ROT, 4/20/01 Roeder reports pole rotten at grd line; Installed 45/3, xa, 3 clamp top posts	3/28/2002
NSW3631-0045	Hooper	Change out 45/3 TB 0203 (C)	PT	ROTTEN POLE TOP, 4/20/01 Roeder reports pole rotten; Used 45/3, 2 xa's, 6 clamp top posts	4/9/2002
NSW3631-0047	Hooper	REPAIR CONDUCTOR	DC	SHORT PIECE OF CHAIN ON NORTH PHASE - WIRE LOOKS DAMAGED BETWEEN STR 47 AND 48; Tarasewicz reported cond ok	4/8/2002
NSW3631-0051	Hooper	Remove	RW	OLD POLE BUTT IN GROUND 6 UP - Cut at grade or grind out	4/8/2002
NSW3631-0056	Hooper	CHANGE OUT POST INSULATOR VERTICLE	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT TRIANGULAR PIN AND CAP NORTH PHASE;	3/28/2002
NSW3631-0062	Hooper	CHANGE OUT POST INSULATOR VERTICLE	IN	NORTH PHASE TIE TOP INSULATOR, new clamp top	3/28/2002
NSW3631-0063		VERIFY	PF	2 POLES 8' APART; Remove old str 63 & installed new 63 114' W of old str 63. 50/3, xa, & clamp top posts	4/8/2002
NSW3631-0063	Hooper	CHANGE OUT SUSP INSULATION ON DE STR	FI	2 POLE LOCATION (WEST POLE HAS 2 FLASHED INSULATORS CENTER PHASE WEST DE) 4/20/01, Roeder reports 3 bells flashed W pole, N ph, E DE; 6 bells flashed E pole, C ph, E & W DE s	4/9/2002

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3631-0064	Hooper	Change out 50/3 TB 0208 (D)	PT	POLE TOP ROT, 4/20/01 Roeder reports pole rotten at grd line. Need new bells, bands, fiberglass strains, guy wire, 4/0 shoes, 50 of 4/0 ACSR & sleeves.; Installed 50/3, 18 bells, anchors & guys	4/9/2002
NSW3631-0066	Hooper	CHANGE OUT SUS INSULATION ON ANGLE STR	FI	FLASHED INSULATOR - ALL PHASES;	4/10/2002
NSW3631-0071	Hooper	CHANGE OUT SUSP INSULATION ON DE STR	FI	TOP AND MIDDLE PHASES, ok	4/10/2002
NSW3639-0005	IRW	CHANGE OUT TB 0201 (C) 50/3 Move pole inline 60 East of existing structure. Sleeve out old DE str.	DP-NR	ROTTEN POLE TOP - 4/19/01 Roeder reported move pole out of semi turn around area. Installed used 50/3 pole & moved it 60 East of old str	4/24/2002

PROBLEMS REPORTED 2001 - WISCONSIN TRANSMISSION

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3101-0078	Helicopter Patrol	REPAIR	GW	GROUND WIRE	9/21/2001 2:23:31 PM
NSW3101-0084	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3101-0088	Helicopter Patrol	MONITOR CONDITION	PF	2" W X 2" D X 7' L	9/21/2001 2:23:31 PM
NSW3101-0095	Helicopter Patrol	MONITOR CONDITION	WH	VERY SMALL - 5 HOLES IN LEFT POLE - ENCLOSED POCKET IN RIGHT POLE	9/21/2001 2:23:31 PM
NSW3101-0098	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN, BY BASE OF POLE	9/21/2001 2:23:31 PM
NSW3101-0104	Helicopter Patrol	REPAIR WITH I-FOAM	WH	FILLED 2 HOLES WITH 2 LBS FILL	9/21/2001 2:23:31 PM
NSW3101-0108	Helicopter Patrol	CHANGE OUT	BA	TOP ARM MODIFIED STR. John Frederick replace horz XA	9/21/2001 2:23:31 PM
NSW3101-0122	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0125	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0143	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0147	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3101-0148	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3101-0153	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0164	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0167	Helicopter Patrol	REPAIR WITH I-FOAM	WH	SMALL	9/21/2001 2:23:31 PM
NSW3101-0172	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0199	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3101-0226	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3101-0273	Helicopter Patrol	REPLACE INSULATION	IN	NORTHEAST DEADEND	9/21/2001 2:23:31 PM
NSW3101-0295	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	9/21/2001 2:23:31 PM
NSW3101-0319	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3101-0332	Helicopter Patrol	REMOVE	RW	PILE OF POLES	9/21/2001 2:23:31 PM
NSW3101-0356	Helicopter Patrol	INSTALL SLEEVE ON DAMAGED CONDUCTOR	BC	ON SHIELD 75' EAST OF STR.	9/21/2001 2:23:31 PM
NSW3101-0383	Helicopter Patrol	REPLACE INSULATION	IN	SOUTH PHASE	9/21/2001 2:23:31 PM
NSW3101-0394	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0400	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0405	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0407	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3101-0410	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	9/21/2001 2:23:31 PM
NSW3102-0460	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0464	Osmose	REPAIR WITH WOODPECKER FILL	WH	4 SMALL HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0465	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 MED HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0470	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0478	Helicopter Patrol	REPAIR WITH I-FOAM	WH	Filled 11 holes with 51 lbs; installed 19 sheets of screen	9/21/2001 2:23:31 PM
NSW3102-0479	Osmose	Change out leg of K-frame	BP	2/26/01 Roeder reported North pole 18 above ground shows slight cracking along with a loose wedge of sap wood extending up 20 . Wedge is 5 - 6 deep and is spiked in presently. Recommend replace 90/2/	5/17/2001 8:06:04 AM
NSW3102-0484	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0490	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0491	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0498	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0505	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 SMALL HOLES IN LEFT POLE	7/6/2001 8:24:37 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3102-0506	Air Patrol	Replace insulation and end section of strut	IN	9/26/01 Melgard confirmed center string is over 50% damaged including hot end section of 3 post strut assembly.: Roeder replace 20 insulators & 3 sections	9/26/2001 4:58:27 PM
NSW3102-0506	Osmose	REPAIR WITH WOODPECKER FILL	WH	NUMEROUS HOLES IN STRUCTURE	7/6/2001 8:24:37 AM
NSW3102-0507	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 SMALL HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0508	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 MED HOLES IN RIGHT POLE & 2 LARGE HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0509	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 LARGE HOLES IN RIGHT	7/6/2001 8:24:37 AM
NSW3102-0510	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 LARGE HOLES IN RIGHT	7/6/2001 8:24:37 AM
NSW3102-0513	Helicopter Patrol	TIGHTEN GUY WIRE	GU		9/21/2001 2:23:31 PM
NSW3102-0514	Osmose	REPAIR WITH WOODPECKER FILL	WH	4 LARGE HOLES IN RIGHT POLE AND 2 LARGE IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0515	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 LARGE HOLES IN RIGHT POLE AND 4 MED IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0516	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0522	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 LARGE & 3 SMALL HOLES IN RIGHT POLE	7/6/2001 8:24:37 AM
NSW3102-0523	Osmose	REPAIR WITH WOODPECKER FILL	WH	3 SMALL HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-0533	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0534	Helicopter Patrol	RESET POLE	LS	GREATER THAN 18"	9/21/2001 2:23:31 PM
NSW3102-0537	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0543	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0548	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/21/2001 2:23:31 PM
NSW3102-0559	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3102-0580	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0587	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0589	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0593	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0598	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN SCREEN POLE; 4/4/02 Haffenbredl reported from 4' above bottom xlace for 16' Woodpeckers have nested and make numerous holes. Drilling showed moisture & excessive wood decay below nest 9' from bottom xlace - recommended CO - Dwg Filed	9/21/2001 2:23:31 PM
NSW3102-0599	Osmose	CHANGE OUT LEFT POLE OR CHECK INTO ALTERNATIVE RESTORATION METHOD	DP-NR-P	PRIORITY POLE - NEEDS ATTENTION: 4/4/02 Haffenbredl reported pole hollow above red tag. Not canidate for fiberwrap after review with PSQ. Replace pole.	5/15/2001 2:42:10 PM
NSW3102-0600	Helicopter Patrol	REPLACE INSULATION	IN	SOUTH PHASE, 8/15/02 crew reported outage or hot stick required. Located on W side of river.	9/21/2001 2:23:31 PM
NSW3102-0637	Air Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	ANTENNA SIGNS ON STRS. 634 & 640 WERE INSTALLED 9/27/95! Signs are ok!	10/25/2001 8:18:34 AM
NSW3102-0664	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0675	Helicopter Patrol	MONITOR CONDITION	PF	BURN MARKS BY STAPLES	9/21/2001 2:23:31 PM
NSW3102-0691	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN; 4 holes, 4 lbs	9/21/2001 2:23:31 PM
NSW3102-0694	Helicopter Patrol	CHANGE OUT	BA	TOP ARM MODIFIED STR: 7/25/02 TLC reported XA bowed 4", W XA is cracked through from center @ diagonal, opened 1/4 - 1/2" in places. Note: Modified str to W & small lake to E.	9/21/2001 2:23:31 PM
NSW3102-0699	Osmose	CHANGE OUT LEFT POLE OR CHECK INTO ALTERNATIVE RESTORATION METHOD	DP-NR-P	NON-REINFORCEABLE PRIORITY POLE; 7/25/02 crew reported red tag on pole with arrow pointing up	7/18/2001 10:01:00 AM
NSW3102-0723	Osmose	MONITOR	WH	2 SMALL HOLES	5/22/2001 9:06:10 AM
NSW3102-0725	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/22/2001 9:13:51 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3102-0728	Osmose	REPAIR WITH I-FOAM	WH	4 LARGE HOLES	5/22/2001 9:14:42 AM
NSW3102-0752	Osmose	REPAIR WITH I-FOAM	WH	1 LARGE HOLE	5/22/2001 9:14:42 AM
NSW3102-0758	Osmose	MONITOR	PF	FIRE DAMAGE ON BOTH POLES	5/22/2001 9:16:10 AM
NSW3102-0806	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0820	Osmose	MONITOR CONDITION	WH	1 SMALL HOLE IN LEFT POLE	7/6/2001 7:26:09 AM
NSW3102-0852	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0852	Osmose	REPAIR	GW	BROKEN GROUND WIRE	7/6/2001 7:28:29 AM
NSW3102-0869	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3102-0872	Osmose	REPAIR WITH WOODPECKER FILL	WH	1 MED HOLE IN LEFT POLE	7/6/2001 7:31:51 AM
NSW3102-0877	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0903	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0905	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 LARGE HOLES IN LEFT POLE	7/6/2001 7:31:51 AM
NSW3102-0908	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 MED HOLES IN LEFT POLE	7/6/2001 7:31:51 AM
NSW3102-0912	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3102-0931	Osmose	REPAIR	GW	BROKEN GROUND WIRE	7/6/2001 7:31:51 AM
NSW3102-0941	Osmose	REPAIR WITH WOODPECKER FILL	WH	4 MED HOLES IN LEFT POLE	7/6/2001 7:41:48 AM
NSW3102-1004	Osmose	REPAIR WITH WOODPECKER FILL	WH	2 LARGE HOLES IN LEFT POLE	7/6/2001 8:24:37 AM
NSW3102-1007	Helicopter Patrol	INSTALL DNR APPROVED NESTING STAND	RW	NEST - EXERCISE CAUTION AND RESPECT;	9/21/2001 2:23:31 PM
NSW3203-0014	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	SEVERELY DETERIORATED	10/15/2001 1:58:50 PM
NSW3203-0045	Helicopter Patrol	REMOVE	FO	ON STATIC BETWEEN 45-46 - ribbon removed	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0050		REPAIR WITH I-FOAM	WH		11/2/2001 3:31:52 PM
NSW3203-0050	Osmose	MONITOR	WH	1 MED HOLE - WAS THIS POLE CHANGED OUT???? NEED TO UPDATE UNITS AT THIS LOCATION	5/16/2001 1:42:57 PM
NSW3203-0051	Helicopter Patrol	CHANGE OUT	DA	Recheck in 2007: SPLINTERED - 7/11/02 Roeder reported 1/2 N xa W end N side, 1/4" decay on Top S xa btwn E pole & C ph. XA solid.	10/15/2001 1:58:50 PM
NSW3203-0055	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0057	Transmission Line Crew	Replace broken bells	IN	9/18/00 TLC found 7 of 8 bells broken/chipped on running inside angle.	7/9/2001 2:07:37 PM
NSW3203-0058	Air Patrol	Change bell out on running angle	IN	5/15/01 report of broken bell	6/11/2001 3:46:37 PM
NSW3203-0066	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0067	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0070	Air Patrol	REMOVE OBJECT	FO	AP reported string on tie wire	3/9/2001 11:13:21 AM
NSW3203-0071	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	ENCLOSED POCKET, 1.5 SHELL, 9 DEEP. 2ND CYCLE OF TESTING - WAS TREATED WITH MITC IN 1992. Reinforced	5/16/2001 1:16:00 PM
NSW3203-0078	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	ENCLOSED POCKET, 1.5 SHELL, 9 DEEP. 2ND CYCLE OF TESTING - WAS TREATED WITH MITC IN 1992. Reinforced with (2) 7114	5/16/2001 1:16:00 PM
NSW3203-0080	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0089	Osmose	REINFORCE WITH WOOD POLE	DP-RR-P	TREATED WITH MITC IN 1992 - REJECTED IN 2001. CAN BE REINFORCED WITH FIBERWRAP. 7/02 Roeder reported wood stub would be better fix; crew installed 40' blackjack stub	5/16/2001 1:25:06 PM
NSW3203-0102	Helicopter Patrol	REPLACE INSULATION	FI	CENTER PHASE	10/15/2001 1:58:50 PM
NSW3203-0108	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - Reinforced with (2) 9X10 trusses	5/16/2001 1:39:51 PM
NSW3203-0113	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 26 . Reinforced with (2) 9115 trusses	5/16/2001 2:11:56 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0115	Air Patrol	REPAIR	DH	Pole ground loose near pole top - 7/02 Roeder report has not shell, hammer broke through shell when testing pole. Other pole has several years of life left, will use for stubbing either structure 89 or 161. Str replaced under RO	1/2/2001 2:58:00 PM
NSW3203-0117	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3203-0118	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3203-0119	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3203-0122	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3203-0126	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0127	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0128	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0129	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 6 . Reinforced with (2) 9x10 trusses	5/16/2001 2:11:56 PM
NSW3203-0129	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0130	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 1 SHELL AT 6 . Reinforced with (2) 9x10 trusses	5/16/2001 2:11:56 PM
NSW3203-0131	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 0 SHELL AT 80 . Reinforced with (2) 7114 trusses	5/16/2001 2:11:56 PM
NSW3203-0131	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0132	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 6 SHELL AT 15 . Reinforced with (2) 7114 trusses	5/16/2001 2:11:56 PM
NSW3203-0132	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0133	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0134	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0135	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0136	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0137	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0138	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0139	Osmose	REPAIR GROUND WIRE	GW	REPAIRED BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0140	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0141	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0142	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0143	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE ON BOTH POLES	5/16/2001 2:36:45 PM
NSW3203-0144	Osmose	REPAIR GROUND WIRE	GW	BROKEN GROUND WIRE	5/16/2001 2:36:45 PM
NSW3203-0150	Helicopter Patrol	INSTALL AERIAL NUMBER	ID		10/15/2001 1:58:50 PM
NSW3203-0150	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2.5 SHELL AT 0 AND 0 SHELL AT 54 Reinforced with (2) 7115 trusses	5/16/2001 2:11:56 PM
NSW3203-0162	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 0 SHELL AT 54 Reinforced with (2) 7114 trusses	5/16/2001 2:11:56 PM
NSW3203-0172	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0179	Helicopter Patrol	REPLACE INSULATION	FI	WEST PHASE	10/15/2001 1:58:50 PM
NSW3203-0185	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0187	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2 SHELL AT 15 Reinforced with (2) 9x10 trusses	5/16/2001 2:11:56 PM
NSW3203-0193	Osmose	REPAIR WITH I-FOAM	WH	2 MED HOLES / 3 LBS.	5/16/2001 2:52:11 PM
NSW3203-0195	Osmose	REPAIR WITH I-FOAM	WH	2 MED HOLES	5/16/2001 2:52:11 PM
NSW3203-0196	Osmose	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	DECAYED TOP ON LEFT POLE	5/16/2001 2:55:33 PM
NSW3203-0197	Osmose	REPAIR WITH I-FOAM	WH	3 SMALL HOLES	5/16/2001 2:52:11 PM
NSW3203-0200	Transmission Line Crew	Change out crossarm	DA	9/26/00 arm split - south arm east end split from thru bolt to east phase bracket - will last 1 year long span	2/27/2001 12:58:40 PM
NSW3203-0202	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 2 SHELL AT 26 Reinforced with (2) 7114 trusses	5/16/2001 2:11:56 PM
NSW3203-0207	Osmose	REPAIR WITH I-FOAM	WH	2 MED HOLES	5/16/2001 2:52:11 PM
NSW3203-0209	Air Patrol	REPAIR	DH	AP reported ground wire loose at grade	3/9/2001 4:01:38 PM
NSW3203-0209	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR	TREATED WITH MITC IN 1992 - REJECTED IN 2001 - 4 SHELL AT 18 Reinforced with (2) 9x10 trusses	5/16/2001 2:11:56 PM
NSW3203-0220	Osmose	Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Reinforced with (2) 8114 trusses	5/18/2001 1:33:32 PM
NSW3203-0223	Osmose	Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Reinforced with (2) 7114 trusses	5/18/2001 1:33:32 PM
NSW3203-0224	Osmose	Reinforce Right Pole with steel truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Reinforced with (2) 7114 trusses	5/18/2001 1:33:32 PM
NSW3203-0242	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3203-0256	Osmose	Reinforce Left Pole with steel truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Reinforced	5/18/2001 1:33:32 PM
NSW3203-0261	Osmose	Reinforce Right Pole with Fiber Wrap	DP-RR	Treated with MITC in 1992 - Rejected 2001 - Larry Roeder recommends reinforcing right pole with a wood stub due to water table level; crew stub with 40' blackjack	5/18/2001 1:33:32 PM
NSW3203-0281	Osmose	Reinforce Right Pole with Steel Truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 Reinforced with (2) 9x10 trusses	5/18/2001 1:33:32 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0301	Osmose	Reinforce Right Pole with Steel Truss	DP-RR	Treated with MITC in 1992 - Rejected 2001 Reinforced with (2) 9x10 trusses	5/18/2001 1:33:32 PM
NSW3203-0329		Repair with I-Foam	WH	1 hole, 2lbs	2/26/2001 9:19:21 AM
NSW3203-0329	Transmission Line Crew	REPAIR	WH	1 hole - 2 lbs	2/27/2001 12:29:27 PM
NSW3203-0333		Repair pole top	PT	10/2/00 Back pole rotted 12 down; need RFO to lower tie guy!	2/27/2001 12:29:53 PM
NSW3203-0378	Osmose	Change out 5 pole	DP-NR-P	NON-REINFORCEABLE LEFT MIDDLE POLE; 2" SHELL, 18"	7/18/2001 9:55:45 AM
NSW3203-0381	Osmose	REPLACE POLE	WH		7/18/2001 9:59:09 AM
NSW3203-0387	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3203-0387	Transmission Line Crew	Replace bad insulation	FI	Crew replace 18 damaged insulators due to lightening	9/26/2001 8:04:26 AM
NSW3203-0388	Transmission Line Crew	Change out 5 pole	PS	10/4/00 - 4 poles very loose in ground - 1 pole very bad bow (poles set shallow?) ==Review str integrity when on project.==REPLACED WEST POLE AND HALF OF X-BRACE ALSO INSTALLED WP WIRE ON EAST SHIELD POLE	2/26/2001 3:22:51 PM
NSW3203-0400	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	1" shell at 15", 3" shell at 26". Reinforced with (1) 8115 and (1) 7114	7/5/2001 2:14:14 PM
NSW3203-0413	Helicopter Patrol	REPLACE INSULATION	IN	Reinsulated to 161 specs.	10/15/2001 1:58:50 PM
NSW3203-0419	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Right Pole with (2) 980x10 Steel Trusses	7/5/2001 2:14:14 PM
NSW3203-0433	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Left Pole with (2) 8114 Steel Trusses	7/5/2001 2:14:14 PM
NSW3203-0435	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	Reinforced Right Pole with (2) 8114 trusses	7/5/2001 2:14:14 PM
NSW3203-0440	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3203-0441	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	4 Shell at 26 . Carpenter Ants. Decay Pocket 1.5 deep x 9 wide. Reinforced with (2) 8115 trusses	7/5/2001 2:14:14 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3203-0453	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	3.5" Shell at 18". Reinforced with (2) 9x10 trusses	7/5/2001 2:14:14 PM
NSW3203-0466	Osmose	REINFORCE LEFT POLE WITH STEEL TRUSS	DP-RR-P	Decay Pocket 1.5 deep x 9 wide. 3.5 shell at 18 Reinforced with (2) 9x10 trusses	7/5/2001 2:14:14 PM
NSW3203-0470	Osmose	REPAIR	GW	Broken Ground Wire	7/5/2001 3:12:23 PM
NSW3203-0471	Helicopter Patrol	REMOVE	FO	ON STATIC BETWEEN 471-472; Roeder reviewed and the string is short. Will not get into conductor.	10/15/2001 1:58:50 PM
NSW3203-0472	Helicopter Patrol	REPLACE INSULATION	IN	EAST PHASE	10/15/2001 1:58:50 PM
NSW3203-0475	Helicopter Patrol	REPLACE INSULATION	FI	EAST PHASE	10/15/2001 1:58:50 PM
NSW3203-0475	Transmission Inspector	Replace E & W strain braces; also bring 18 bells, 2 braces & 4 one bolt clamps to bond grd to static & bridle guy	DB	3/30/01 Roeder reported both braces hit by lightening.	11/13/2001 8:47:21 AM
NSW3203-0495	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0496	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0497	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0498	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0499	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0500	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3203-0506	Transmission Inspector	Replace bells, knee braces / Install vibration dampers & guard poles	DH	3/30/01 Roeder asked to verify conductor leakage: found severe vibration on cond; 14 6 spacing with wrong v-braces; str being backed into by semi-trucks.	7/9/2001 1:41:57 PM
NSW3203-0518	Osmose	REINFORCE RIGHT POLE WITH STEEL TRUSS	DP-RR-P	7" Shell, 26". Reinforced with (2) 10115 trusses	7/5/2001 10:53:25 AM
NSW3203-0533	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3204-0010	Helicopter Patrol	MONITOR CONDITION	DA	BOWING	10/15/2001 1:58:50 PM
NSW3204-0011	Helicopter Patrol	REMOVE	FO	BIRD NEST	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3204-0016	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3204-0035	Air Patrol	Replace bell	IN	11/16 Air Patrol reported broken insulator	11/19/2001 7:15:59 AM
NSW3204-0067	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3204-0071	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREN?	10/15/2001 1:58:50 PM
NSW3204-0072	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3204-0076	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREN?	10/15/2001 1:58:50 PM
NSW3204-0082	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH & MIDDLE PHASES	10/15/2001 1:58:50 PM
NSW3204-0103	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3204-0103	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3204-0128	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3204-0136	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3207-0014	Osmose	Install TC foundation on R pole, Topper L pole	PT	12/97 TLC reported SQ tag & 3' top rot	12/5/2001 12:35:28 PM
NSW3207-0016	Osmose	Topper R/L poles	PT	12/97 TLC reported 1' rot	12/5/2001 12:35:28 PM
NSW3207-0017	Osmose	Topper R/L poles	PT	12/97 TLC reported 1' rot	12/5/2001 12:35:28 PM
NSW3209-0026	Helicopter Patrol	REPIAR WITH I-FOAM	WH	FILLED 3 HOLES WITH 4 LBS FILL	9/24/2001 10:50:50 AM
NSW3209-0028	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0044		REMOVE OBJECT	FO	AP reports ballon on shield	3/9/2001 1:31:53 PM
NSW3209-0044	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0065	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0066	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0067	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0076	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0077	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3209-0086	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0111	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0121	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0164	Helicopter Patrol	Verify if conductor is damaged	DC	9/5/01 Mackie reported black-like substance on wire btwn 164 - 165, possible strand missing.	9/11/2001 4:43:08 PM
NSW3209-0198	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0205	Air Patrol	Install warning signs 1/4 mile on each side of this str.	ID	Install Warning Sign, 8/21/02 crew reported signs are up	6/29/2001 1:37:43 PM
NSW3209-0220	Helicopter Patrol	Verify if conductor is damaged	DC	9/5/01 Mackie reported black-like substance melted on wire btwn 220 - 221	9/11/2001 4:43:08 PM
NSW3209-0233	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0280	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0288	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0354	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0357	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0389	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0402	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0455	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0459	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0464	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3209-0465	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3209-0467	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0471	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0475	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0482	Helicopter Patrol	REPIAR WITH I-FOAM	WH	FILLED 2 HOLES WITH 4 LBS FILL	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3209-0482	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	VERY SMALL NATURAL CRACK. STATIC BRACKET BOLT IS AT OPPOSITE ANGLE. POLE IS OKAY	9/24/2001 10:50:50 AM
NSW3209-0483	Helicopter Patrol	REPIAR WITH I-FOAM	WH	FILLED 4 HOLES WITH 4 LBS FILL	9/24/2001 10:50:50 AM
NSW3209-0489	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0490	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0495	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0511	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0529	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0532	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0548	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0562	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3209-0580	Helicopter Patrol	REPIAR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3209-0594	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0599	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0600	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0601	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0602	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3209-0602	Helicopter Patrol	REPIAR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3210-0009		CHANGE OUT	WH	LOOKS TO BE HOLLOW FOR 10' - 7/23/02 dwg by crew scanned, S:/Western/Dept631/Kodak/Lines/3210/Open Problems	10/8/2001 10:32:14 AM
NSW3210-0020	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3210-0030	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3210-0054	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported middle xa gapped slightly	11/19/2001 9:18:43 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3210-0058	Transmission Line Crew	CHANGE OUT	DA	DAVIT ARM	6/4/2001 1:25:17 PM
NSW3210-0061	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported top xa gapped 1/4"	11/19/2001 9:18:43 AM
NSW3210-0061	Transmission Line Crew	Monitor rot in davit	DA	2/15/01 TLC reported rot on top side in 2 spots, 1/4 located 2 from steel mount bracket	11/19/2001 9:18:43 AM
NSW3210-0063	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported center xa gapped 1/2 ; bottom 3/8	11/19/2001 9:18:43 AM
NSW3210-0063	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending to South 12 above grade	11/19/2001 9:18:43 AM
NSW3210-0064	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported top/bottom xa gapped 1/2"	11/19/2001 9:18:43 AM
NSW3210-0065	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3210-0065	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported bottom xa gapped 1/4 ; center 1/2	11/19/2001 9:18:43 AM
NSW3210-0065	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 2 South 12 -15 above grade	11/19/2001 9:18:43 AM
NSW3210-0065	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 2' South	11/19/2001 9:18:43 AM
NSW3210-0066	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 8" South	11/19/2001 9:18:43 AM
NSW3210-0068	Helicopter Patrol	MONITOR CONDITION	LS	BOWING 18 - 24"	9/24/2001 10:50:50 AM
NSW3210-0070	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3210-0070	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported top xa gapped 1/4"	11/19/2001 9:18:43 AM
NSW3210-0070	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 2' South	11/19/2001 9:18:43 AM
NSW3210-0071	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1' South	11/19/2001 9:18:43 AM
NSW3210-0072	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported bottom xa gapped 1/2 ; center 1/2 ; top 1/4	11/19/2001 9:18:43 AM
NSW3210-0072	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1.5' South	11/19/2001 9:18:43 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3210-0076	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1.5 South & out of line 2 North	11/19/2001 9:18:43 AM
NSW3210-0077	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1' South	11/19/2001 9:18:43 AM
NSW3210-0078	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 8" South	11/19/2001 9:18:43 AM
NSW3210-0079	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 6" South	11/19/2001 9:18:43 AM
NSW3210-0080	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1 South starting at 60 above grade	11/19/2001 9:18:43 AM
NSW3210-0081	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 1 South starting at 50 above grade	11/19/2001 9:18:43 AM
NSW3210-0084	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported bottom xa gapped 1/4"	11/19/2001 9:18:43 AM
NSW3210-0085	Transmission Line Crew	Monitor gap in davit	DH	2/15/01 TLC reported bottom xa gapped 1/4"	11/19/2001 9:18:43 AM
NSW3210-0086	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3210-0092	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3210-0097	Transmission Line Crew	Monitor strain on pole	DP	2/15/01 TLC reported pole bending 8" South	11/19/2001 9:18:43 AM
NSW3213-0001	Transmission Line Crew	REPAIR WITH I-FOAM	WH	1 HOLE 2 LBS.	10/8/2001 9:15:28 AM
NSW3213-0043	Air Patrol	Change out susp ins	IN	AP reports bell broken	3/9/2001 11:38:22 AM
NSW3213-0054	Helicopter Patrol	INSTALL CROSSING WARNING SIGN AT THIS STR	ID	FADED OUT - 7/24/02 crew reported static is hot, need 65' bucket - line file	9/24/2001 10:50:50 AM
NSW3213-0086	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3213-0101	Air Patrol	Change out susp ins	IN	AP reports 2 bells broken on one string	3/9/2001 11:38:22 AM
NSW3213-0102	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	9/21/2001 2:23:31 PM
NSW3213-0107	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3213-0109	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	9/21/2001 2:23:31 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3213-0114	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3213-0119		REMOVE	RW	OLD POLE BUTTS IN GROUND NEED TO BE PULLED	10/8/2001 10:32:14 AM
NSW3213-0121	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/21/2001 2:23:31 PM
NSW3213-0125	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3213-0134	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3213-0144	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN, 1 HOLE 30 LBS	9/21/2001 2:23:31 PM
NSW3213-0161	Helicopter Patrol	MONITOR CONDITION	LS	LEANING 18 - 24"	9/24/2001 10:50:50 AM
NSW3213-0169	Helicopter Patrol	INSTALL CROSSING WARNING SIGN AT THIS STR	ID	FADED OUT, Crew reported no xing at this location, nearer to str 189	9/24/2001 10:50:50 AM
NSW3213-0180	Customer	REPAIR LOOSE BRACE	DH	LOOSE BOLT ON X-BRACE	6/25/2001 2:31:01 PM
NSW3213-0181	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	9/21/2001 2:23:31 PM
NSW3214-0014	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0027	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3214-0028	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0029	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0030	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0076	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0077	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3214-0085	Helicopter Patrol	CHANGE OUT	SA	NORTH SIDE	9/24/2001 10:50:50 AM
NSW3214-0089	Helicopter Patrol	REPAIR	GW	SOUTH POLE	9/24/2001 10:50:50 AM
NSW3214-0091	Transmission Line Crew	Replace crossarm with v-bracing	DA	Structure changed out	7/9/2001 1:28:15 PM
NSW3214-0093	Transmission Line Crew	Replace crossarm with v-bracing	DA	Structure changed out	7/9/2001 1:28:15 PM
NSW3214-0094	Helicopter Patrol	CHANGE OUT	BA	Structure changed out	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3214-0094	Transmission Line Crew	Replace crossarm with v-bracing	DA	Structure changed out	7/9/2001 1:28:15 PM
NSW3214-0106	Helicopter Patrol	REPIAR WITH I-FOAM	WH	Small Hole Filled	9/24/2001 10:50:50 AM
NSW3215-0028	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3215-0030	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3215-0034	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3215-0035	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3215-0041	Helicopter Patrol	INSTALL CROSSING WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID	Installed xing signs at str#s 40 & 45	9/24/2001 10:50:50 AM
NSW3215-0047	Helicopter Patrol	REMOVE	DH	CONTAMINATED INSULATORS; 7/24/02 crew report outage needed to clean bells - previous greasing for radio interference leach onto bell surface. - Line file	9/24/2001 10:50:50 AM
NSW3215-0052	Helicopter Patrol	REMOVE	DH	DEBRIS ON STATIC ; nothing found	9/24/2001 10:50:50 AM
NSW3215-0058	Helicopter Patrol	CHANGE OUT	SA	DEBRIS ON STATIC; nothing found	9/24/2001 10:50:50 AM
NSW3215-0070	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3215-0072	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/21/2001 2:23:31 PM
NSW3215-0226	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/21/2001 2:23:31 PM
NSW3215-0242	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	9/21/2001 2:23:31 PM
NSW3216-0070	Air Patrol	INSTALL DNR APPROVED NESTING STAND	FO	NEST - EXERCISE CAUTION AND RESPECT;	10/10/2001 8:33:30 AM
NSW3216-0080	Transmission Line Crew	INSTALL AERIAL NUMBER	ID	7/10/01 Mackie reported no aerial #	7/18/2001 2:34:06 PM
NSW3216-0121	Air Patrol	REMOVE OBJECT	FO	AP reports arrow stuck in pole, remove	3/9/2001 11:37:01 AM
NSW3216-0140	Transmission Line Crew	INSTALL AERIAL NUMBER	ID	7/10/01 Mackie reported no aerial # (RO 19970522 indicates sign @ 134. Line on other side of sub belongs to another utility)	7/18/2001 2:34:06 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3301-0137	Patrolman	REPAIR / REATTACH GUY	GU	GUY WAS BROKEN, REATTACHED TO OTHER ANCHOR WILL NEED A NEW ANCHOR IN THE FUTURE	4/30/2001 8:35:19 AM
NSW3301-0137	Transmission Inspector	INSTALL NEW ANCHOR	DG	WILL NEED NEW ANCHOR	4/30/2001 8:39:53 AM
NSW3303-0465	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0468	Osmose	Reinforce Left Pole with steel truss	DP-RR	4 shell at 26 , 8 shell at 54 . Enclosed pocket, 2 shell, 1 deep. Ants in pole. Reinforced with (2) 9x10 trusses	6/27/2001 8:15:01 AM
NSW3303-0498	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0550	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0577	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3303-0586	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0588	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0616	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3303-0619	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0023	Transmission Inspector	CHANGE OUT	DH	AGS UNIT DAMAGED BY LIGHTNING, INS. FLASHED - Change 10 B&S insulators	12/3/2001 8:32:58 AM
NSW3304-0075	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3304-0104	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3304-0110	Air Patrol	INSTALL ANTENNA WARNING SIGNS	ID	AP reported antenna near str 110; 7/1/02 TLC reports no antenna near line	3/9/2001 4:01:38 PM
NSW3304-0174	Air Patrol	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/26/2001 6:43:05 AM
NSW3304-0175	Air Patrol	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/26/2001 6:43:05 AM
NSW3304-0176	Air Patrol	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/26/2001 6:43:05 AM
NSW3304-0225	Air Patrol	Replce broken bells on dead-end str	IN		10/25/2001 8:48:15 AM
NSW3304-0228	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3304-0253	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0254	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0255	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0256	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0257	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0258	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0259	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0265		Straighten pole	LS	Menomonie patrol report str leaning 10+ feet. Brett Z to review 5/2/01	5/2/2001 1:11:10 PM
NSW3304-0277	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3304-0281	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0321	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3304-0426	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0443	Helicopter Patrol	REPLACE INSULATION	FI	NO PHASE GIVEN	9/24/2001 10:50:50 AM
NSW3304-0455	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0456	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0515	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3304-0520	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3304-0540	Helicopter Patrol	REPAIR	RW	CULVERT NOT FILLED	9/24/2001 10:50:50 AM
NSW3304-0548	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0552	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0567	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0587	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0610	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3304-0649	Helicopter Patrol	REMOVE	RW	OLD POLES BUTTS ON R/W	9/24/2001 10:50:50 AM
NSW3304-0667	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3304-0715	Helicopter Patrol	REMOVE	RW	OLD POLES BUTTS ON R/W	9/24/2001 10:50:50 AM
NSW3304-0734	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-0799	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3304-0906	Helicopter Patrol	REPAIR	DH	STATIC CLAMP IS LOOSE	9/24/2001 10:50:50 AM
NSW3304-0910	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	11/13/00 XTC filled 1 hole, 4 lbs; installed 8 screens	8/20/2001 1:04:18 PM
NSW3304-0918	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	11/9/00 XTC filled 2 holes, 8 lbs; installed 9 screens	8/20/2001 1:04:18 PM
NSW3304-0959	Police/Fire Dept	Replace existing tower with TD0301(B) 65/1	FD	Vehicle left road and destroyed legs of 4 point lattice tower. Xcel Energy MN crews will correct problem	7/6/2001 9:23:19 AM
NSW3304-0962	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-0963	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3304-1074	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3304-1082	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	11/8/00 XTC filled 2 holes, 6 lbs	8/20/2001 1:04:18 PM
NSW3304-1084	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	11/8/00 XTC filled 2 holes, 4 lbs	8/20/2001 1:04:18 PM
NSW3304-1086	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	11/8/00 XTC filled 2 holes, 4 lbs	8/20/2001 1:04:18 PM
NSW3304-1099	Transmission Line Crew	FIELD EVALUATED WPK DETERENT	WH	10/25/00 XTC filled 6 hole, 12 lbs; installed 45 screens	8/20/2001 1:04:18 PM
NSW3304-1102	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3309-0001	Air Patrol	INSTALL ANTENNA WARNING SIGNS	ID	AP reported antenna near str 1, TLC reported no need for signs. DE tower taller than lightning poles.	3/9/2001 4:01:38 PM
NSW3309-0066	Helicopter Patrol	REMOVE	FO	KITE STRING	9/24/2001 10:50:50 AM
NSW3309-0086	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3309-0096	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3309-0098	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3309-0112	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3309-0120		REPLACE BULBS FOR TWO SINGLE OB AT MID TOWER / ONE DBL BEACON AT TOP	LR	2001 Maintenance: Two Beacon Bulbs 620PS40/P & Two Obstruction Bulbs 116A21/T - Russ Drevlow installed bulbs	4/30/2001 2:13:33 PM
NSW3315-0013	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3315-0099	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3315-0102	Air Patrol	Verify amount of damage	DA	4/4/01 patrol reported splintered xa. - ARM IS SOLID	4/9/2001 10:57:19 AM
NSW3315-0120	Air Patrol	Replace damaged xa if testing shows to do so	DA	9/11 AP reported splintered xa; TLC replace XA	11/19/2001 7:15:59 AM
NSW3315-0120	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE; TLC replace 6 bells	10/15/2001 1:58:50 PM
NSW3315-0155-A		CHECK SWITCH CONNECTIONS	DH	4/18/01 INFRARED SHOWED HOT CONNECTIONS - File; installed paddles E side of 5R56; 7/10/02 replace hot parts/adjusted 5R56; Bottles tested good @ 60kVA; Installed paddles W side 5R56	7/3/2001 10:28:27 AM
NSW3315-0178	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE - NO FLASHED INSULATORS	10/15/2001 1:58:50 PM
NSW3315-0196	Helicopter Patrol	CHANGE OUT	DA	ROTTEN; 6/17/2002 Roeder reported 1/2-3/4" dry rot on E 1/2 XA 3' each side of L pole. XA very solid, no decay on other 1/2. Recheck in 5 years	10/15/2001 1:58:50 PM
NSW3315-0227	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3315-0228	Air Patrol	Repair pole ground	GW	3/9/01 patrol found loose ground at pole top	4/2/2001 11:52:16 AM
NSW3315-0238	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3316-0118	Helicopter Patrol	CHANGE OUT	DA		10/15/2001 1:58:50 PM
NSW3316-0130	Helicopter Patrol	VERIFY	DA	EAST ARM	10/15/2001 1:58:50 PM
NSW3316-0142	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3316-0144	Helicopter Patrol	VERIFY	DA	WEST ARM NORTH SIDE	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3316-0171	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/15/2001 1:58:50 PM
NSW3316-0179	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3316-0188	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3316-0189	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3316-0201	Helicopter Patrol	CHANGE OUT	DA	SPLIT BY THROUGH BOLT N POLE	10/15/2001 1:58:50 PM
NSW3316-0205	Helicopter Patrol	REPAIR WITH I-FOAM	WH	MARSH MASTER OR SNOWMOBILE NEEDED TO ACCESS STRUCTURE	10/15/2001 1:58:50 PM
NSW3316-0206	Helicopter Patrol	CHANGE OUT	DA	SPLIT BY THROUGH BOLT S POLE	10/15/2001 1:58:50 PM
NSW3316-0216	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3316-0221	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3316-0232	Helicopter Patrol	INSTALL NEW GUY GUARD	GG	MARSHMASTER OR SNOWMOBILE NEEDED TO ACCESS STR	10/15/2001 1:58:50 PM
NSW3317-0004	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3317-0008	Helicopter Patrol	CHANGE OUT	DA	ROTTEN	10/15/2001 1:58:50 PM
NSW3317-0023	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3317-0057	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3317-0061	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN	10/15/2001 1:58:50 PM
NSW3317-0079	Helicopter Patrol	VERIFY	DA	DAMAGED NORTH SIDE	10/15/2001 1:58:50 PM
NSW3317-0080	Helicopter Patrol	VERIFY	DA	DAMAGED NORTH SIDE	10/15/2001 1:58:50 PM
NSW3317-0118	Helicopter Patrol	Change out 1/2 crossarm	DC	9/25/01 Mackie reported xa split at each through bolt	10/1/2001 8:26:19 AM
NSW3317-0132	Helicopter Patrol	VERIFY	DA	DAMAGED NORTH SIDE	10/15/2001 1:58:50 PM
NSW3317-0144	Helicopter Patrol	Change out 1/2 crossarm	DC	9/25/01 Mackie reported xa split at through bolt	10/1/2001 8:26:19 AM
NSW3317-0148	Helicopter Patrol	Change out 1/2 crossarm	DC	9/25/01 Mackie reported xa split 3 -4 each side of through bolt	10/1/2001 8:26:19 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3317-0153	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0155	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0158	Helicopter Patrol	CHANGE OUT	DA	SPLITTING/ROTTEN	10/15/2001 1:58:50 PM
NSW3317-0159	Air Patrol	VERIFY DAMAGE	SA	AP reported XA splintered. Repair with banding if needed	3/9/2001 11:20:16 AM
NSW3317-0160	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0161	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0191	Helicopter Patrol	CHANGE OUT	DA	SPLITTING/ROTTEN	10/15/2001 1:58:50 PM
NSW3317-0196	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0217	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0235	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3317-0253	Helicopter Patrol	CHANGE OUT	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3318-0035	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3318-0038	Helicopter Patrol	REMOVE	RW	TREE STAND	10/15/2001 1:58:50 PM
NSW3318-0064	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3318-0079	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3318-0080	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3318-0081	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0039	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0052	Helicopter Patrol	RESTAPLE	GW	Restapled grd wire	10/15/2001 1:58:50 PM
NSW3319-0056	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0066	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3319-0076	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0085	Helicopter Patrol	Repair stranded shield wire	DC	9/27/01 Mackie reported strand unraveling mid-span btwn 85 - 86	10/1/2001 9:23:58 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3319-0109	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0111	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3319-0114	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0119	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0120	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3319-0131	Helicopter Patrol	VERIFY	PF	Crew could not find burn. Pole bleeding creosote that looks like burn.	10/15/2001 1:58:50 PM
NSW3319-0132	Helicopter Patrol	REPAIR WITH I-FOAM	WH	1 hole, 8lbs	10/15/2001 1:58:50 PM
NSW3320-0097	Air Patrol	Repair hardware	DH	3/9/01 patrol found loose x-brace bolt	4/2/2001 11:52:16 AM
NSW3320-0116	Osmose	Remove pole top and cap with pole topper	PT	Decayed Top on Right pole	6/11/2001 11:04:57 AM
NSW3321-0100	Helicopter Patrol	REMOVE	RW	TREE STAND	10/15/2001 1:58:50 PM
NSW3321-0144	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3321-0148	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3321-0148	Helicopter Patrol	TIGHTEN GUY WIRE	GU		10/15/2001 1:58:50 PM
NSW3321-0149	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3321-0195	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3321-0196	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3321-0210	Park Falls Troubleman	STRAIGHTEN POLE	LS	POLE LEANING AGAIN AFTER STORM	6/18/2001 8:50:28 AM
NSW3321-0210	Phillips Crew	Straighten structure	LS	6/28/01 Phillips crew had straighten pole over past several times using rock then foam. Install side anchors & guying.	6/29/2001 11:30:12 AM
NSW3321-0221	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3321-0242	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3321-0307	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3323-0070	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3323-0113	Helicopter Patrol	REPLACE INSULATION	IN	TOP PHASE	10/15/2001 1:58:50 PM
NSW3323-0117	Ladysmith Troubleman	Change out bell	IN	6/8/01 Ladysmith troubleman reported broken bell on bottom phase	6/11/2001 10:49:11 AM
NSW3323-0242	Helicopter Patrol	REPLACE INSULATION	IN	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3323-0243	Helicopter Patrol	REPLACE INSULATION	IN	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3323-0245	Helicopter Patrol	REPLACE INSULATION	IN	TOP PHASE	10/15/2001 1:58:50 PM
NSW3323-0256	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3323-0257	Air Patrol	Verify if damaged insulator is on line 3321 or 3323 / Plant shows polymer type	IN	4/4/01 patrol reported broken insulator on bottom. 4/17/01 Kundinger reported dbl cir 2 pole steel str. Polymer insulators on str. No visual damage.	4/9/2001 10:57:19 AM
NSW3323-0280	Helicopter Patrol	REPLACE INSULATION	IN	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3323-0287	Helicopter Patrol	REPLACE INSULATION	IN	TOP PHASE	10/15/2001 1:58:50 PM
NSW3323-0290	Helicopter Patrol	REPLACE 2 BROKEN & FLASHED INSULATION	IN	TOP PHASE FLASHED. 3/16/02 AP REPORTS 2 BROKEN, LOCATION UNKNOWN	10/15/2001 1:58:50 PM
NSW3323-0297	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3323-0310	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2' STEEL TOWER	10/15/2001 1:58:50 PM
NSW3323-0314	Helicopter Patrol	TIGHTEN GUY WIRE	GU		10/15/2001 1:58:50 PM
NSW3323-0350	Helicopter Patrol	REPAIR	DH	TOP PHASE	10/15/2001 1:58:50 PM
NSW3323-0449	Helicopter Patrol	TIGHTEN GUY WIRE	GU		10/15/2001 1:58:50 PM
NSW3323-0450	Helicopter Patrol	TIGHTEN GUY WIRE	GU		10/15/2001 1:58:50 PM
NSW3351-0033	Air Patrol	Change out 26' crossarm	DA	Roeder to confirm if CO needed, Replace in 2001 by NSM crews	3/9/2001 4:01:38 PM
NSW3351-0037	Helicopter Patrol	CHANGE OUT	DA	ROTTING	10/15/2001 1:58:50 PM
NSW3351-0039	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0042	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3351-0072	Transmission Inspector	Change out 26 xa	DA	4/01 Roeder reported 1/2 or dbl xa rotted btwn poles, Track vehicle required	5/21/2001 1:42:47 PM
NSW3351-0076	Helicopter Patrol	REPLACE INSULATION	IN	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3351-0076	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0080	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0083	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0084	Transmission Inspector	Change out 1/2 26 xa	DA	Changed out pole and arm. WP Screened and new grounds	5/21/2001 1:42:47 PM
NSW3351-0094	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0099	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0102	Transmission Inspector	Check for conductor damage / repair if needed	DC	Conductor okay. New armor installed	5/21/2001 2:31:15 PM
NSW3351-0108	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0117	Transmission Inspector	Change out 50/3 pole	RP	Changed out 1 50 Ft Pole. WP Screen installed and new ground	5/21/2001 2:56:05 PM
NSW3351-0122	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0128	Transmission Inspector	Change our susp bells on tangent str	IN	4/01 Roeder reported 1 bell broke on center phase	5/23/2001 5:01:00 PM
NSW3351-0137	Transmission Inspector	Change out 26 crossarm	DA	4/01 Roeder reported arm sagging, N end split up; not weathering well	5/23/2001 5:01:00 PM
NSW3351-0138	Transmission Inspector	Replace bells	FI	4/01 Roeder reported 2 flashed bells on center phase	5/24/2001 7:56:04 AM
NSW3351-0140	Transmission Inspector	Repair ground wire	GW	4/01 Roeder reported groundwire on N pole needs repair, also restatple above x-brace	5/24/2001 7:56:04 AM
NSW3351-0140	Transmission Inspector	Monitor pole	DP	4/01 Roeder reported splinters on N pole 10 up. Pole still sound	5/24/2001 7:56:04 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3351-0148	Transmission Inspector	Change our susp bells on tangent str	FI	4/01 Roeder reported 6 flashed bells South ph	5/21/2001 1:42:47 PM
NSW3351-0156	Transmission Inspector	Change out 26' xa	DA	4/01 Roeder reported split xa	5/21/2001 1:42:47 PM
NSW3351-0156	Transmission Inspector	Change our susp bells on tangent str	FI	4/01 Roeder reported 6 flashed bells center ph & 1 broke on N ph	5/21/2001 1:42:47 PM
NSW3351-0162	Transmission Inspector	Change our susp bells on tangent str	FI	4/01 Roeder reported 6 flashed bells center ph & 1 flashed on N ph	5/21/2001 1:42:47 PM
NSW3351-0170	Helicopter Patrol	CHANGE OUT	DA	ROTTING	10/15/2001 1:58:50 PM
NSW3351-0174	Transmission Inspector	Change out 26 crossarm	DA	4/01 Roeder reported xa sagging S end. Both xa s split bad & allready splinted	5/21/2001 2:13:36 PM
NSW3351-0182	Transmission Inspector	CODE 6 / Change out xa brace	DB	4/01 Roeder reported xa brace. Zillmer replaced XA s & Xbraces	5/21/2001 1:42:47 PM
NSW3351-0188	Transmission Inspector	Check xa in 5 years, (2006)	DA	4/01 Roeder reported sm splintering due to lightening btwn xa s. W xa 1/4 decay on top.	5/21/2001 1:42:47 PM
NSW3351-0206	Helicopter Patrol	Change out crossarm	DC	duplicate	10/1/2001 8:26:19 AM
NSW3351-0206	Helicopter Patrol	Change out crossarm	DA	9/25/01 Mackie reported xa rot / cracked on NW side? HPR replace XA	10/1/2001 8:26:19 AM
NSW3351-0212	Transmission Inspector	Change our susp bells on tangent str	FI	4/01 Roeder reported 6 flashed bells South ph	5/21/2001 1:42:47 PM
NSW3351-0213	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE 6 bells replaced	10/15/2001 1:58:50 PM
NSW3351-0215	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3351-0220	Helicopter Patrol	CHANGE OUT	DC	AUTOMATIC SLEEVES NORTH PHASE; removed	10/15/2001 1:58:50 PM
NSW3351-0222	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE 6 bells replaced	10/15/2001 1:58:50 PM
NSW3351-0229	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3351-0232	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3351-0247	Air Patrol	Replace bell	IN	11/16 Air Patrol reported broken insulator	11/19/2001 7:15:59 AM
NSW3351-0250	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3351-0251	Helicopter Patrol	CHANGE OUT	DA	ROTTING; Callebretto installed single heavy xa	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3351-0251	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE, all bells replaced	10/15/2001 1:58:50 PM
NSW3351-0263	Helicopter Patrol	CHANGE OUT	DA	ROTTING; Callebretto installed single heavy xa	10/15/2001 1:58:50 PM
NSW3351-0269	Helicopter Patrol	CHANGE OUT	DA	Duplicate	10/15/2001 1:58:50 PM
NSW3351-0286	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3351-0293	Transmission Inspector	Change out 26 crossarm	DA	4/01 Roeder reported 1/2 xa split bad, allready splinted. Long span.; Callebretto installed single heavy xa	5/23/2001 5:19:29 PM
NSW3351-0294	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3351-0296	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0299	Transmission Inspector	CODE 5 / Change out 1/2 26 xa	DA	4/01 Roeder reported 1/2 xa totally rotted, long span. Zillmer replace XA	5/21/2001 1:42:47 PM
NSW3351-0312	Transmission Inspector	CODE 5 / Change out 26 crossarm	DA	4/01 Roeder reported xa split - S pole rotten/hollow 15 up, 50/4. Zillmer replaced XA	5/21/2001 1:42:47 PM
NSW3351-0312	Transmission Inspector	CODE 5 / Change out 50/3	RP	4/01 Roeder reported S pole rotten/hollow 15 up, 50/4. Track vehicle. Zillmer installed 50/2 with wire cloth	5/21/2001 1:42:47 PM
NSW3351-0314	Transmission Inspector	Repair	ST	4/01 Roeder reported cut and cap	5/21/2001 1:42:47 PM
NSW3351-0317	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0318	Transmission Inspector	Check crossarm in 10 years (2001)	DA	4/01 Roeder reported chunk missing out of N end, E xa. Xa solid	5/24/2001 10:36:13 AM
NSW3351-0320	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3351-0321	Transmission Inspector	Change our susp bells on tangent str	IN	4/01 Roeder reported 2 shot up bells on N pole; replaced 6 bells	5/24/2001 10:36:13 AM
NSW3351-0325	Transmission Inspector	Check crossarm spacers in 2006	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 5 years.	5/23/2001 5:13:56 PM
NSW3351-0326	Transmission Inspector	Check crossarm spacers in 2006	DA	4/01 Roeder reported center spacer blocks on 3 pole are rotting. Xa s still solid. Check in 5 years.	5/23/2001 5:13:56 PM
NSW3351-0326	Transmission Inspector	Change our susp bells on angle str	FI	4/01 Roeder reported 6 flashed bell on N ph. Replace 6 bells N ph	5/24/2001 10:36:13 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3351-0332	Transmission Inspector	Check crossarm spacers in 2004	DA	4/01 Roeder reported spacer blocks on 3 pole are rotting. Check in 3 years.	5/23/2001 5:13:56 PM
NSW3352-0009	Helicopter Patrol	CHANGE OUT	PT	ARM AT TOP OF POLE	10/15/2001 1:58:50 PM
NSW3352-0019	Helicopter Patrol	REPLACE INSULATION	IN	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3352-0033	Helicopter Patrol	CHANGE OUT	BA		10/15/2001 1:58:50 PM
NSW3352-0037	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3352-0052	Helicopter Patrol	REPLACE INSULATION	IN	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3352-0105	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN / SCREEN?	10/15/2001 1:58:50 PM
NSW3352-0110	Helicopter Patrol	REPLACE INSULATION	IN	CENTER PHASE	10/15/2001 1:58:50 PM
NSW3352-0159	Helicopter Patrol	REPLACE INSULATION	IN	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3352-0171	Helicopter Patrol	RESTAPLE	GW		10/15/2001 1:58:50 PM
NSW3352-0206	Helicopter Patrol	RESTAPLE	GW		10/15/2001 1:58:50 PM
NSW3352-0221	Helicopter Patrol	REMOVE	RW	OLD ANCHOR	10/15/2001 1:58:50 PM
NSW3352-0231	Air Patrol	Repair pole ground	GW	3/9/01 patrol found loose pole ground	4/2/2001 11:52:16 AM
NSW3352-0236	Helicopter Patrol	RESTAPLE	GW		10/15/2001 1:58:50 PM
NSW3352-0237	Helicopter Patrol	RESTAPLE	GW		10/15/2001 1:58:50 PM
NSW3352-0242	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3401-0016	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0044	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3401-0163	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0200	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0201	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0227	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3401-0263	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3401-0267	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0282	Helicopter Patrol	Repair gun shot conductor	DC		10/4/2001 6:25:02 AM
NSW3401-0283	Helicopter Patrol	Repair damaged conductor	DC	TLC installed repair sleeve	10/31/2001 2:45:06 PM
NSW3401-0296	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0297	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0300	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0301	Helicopter Patrol	REPAIR	GW	POLE TOP	10/16/2001 9:23:11 AM
NSW3401-0333	Transmission Line Crew	Fill holes	WH	TLC filled 2 holes, 6 lbs	10/31/2001 2:45:06 PM
NSW3401-0334	Helicopter Patrol	Repair damaged pole ground	GW	TLC repaired grd wire, installed 3 candle sticks, 2 house knobs & 21 of grd wire.	10/31/2001 2:45:06 PM
NSW3401-0334	Transmission Line Crew	Straighten str leaning 2'	LS	TLC reset pole	10/31/2001 2:45:06 PM
NSW3401-0433	Helicopter Patrol	REMOVE	RW	OLD POLE ON R/W	10/16/2001 9:23:11 AM
NSW3401-0462	Helicopter Patrol	REPAIR	GW	BY TOP PHASE	10/16/2001 9:23:11 AM
NSW3402-0106	Air Patrol	REPAIR LOOSE GRD WIRE	GW	LOOSE POLE GROUND POLE TOP	1/24/2001 3:42:34 PM
NSW3403-0268	Helicopter Patrol	REPAIR WITH I-FOAM	WH	REPORTED AS 286 BUT DID NOT HAVE A STR. IN THE DB.	9/24/2001 10:50:50 AM
NSW3403-0354	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3403-0588	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3403-0690	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3403-0693	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3403-0799	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3404-0014	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3404-0015	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3404-0016	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3404-0018	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3404-0044	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE; TLC replace all posts with 88kV. Behind Wayside Rest	9/24/2001 10:50:50 AM
NSW3405-0011	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3405-0012	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3405-0044	Air Patrol	repair tie guy	DG	structure tie guy is broken, replaced	2/23/2001 1:13:29 PM
NSW3405-0163	Helicopter Patrol	REPLACE INSULATION	FI	POLYMER MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3405-0165	Helicopter Patrol	REPLACE INSULATION	FI	POLYMER MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3405-0236	Helicopter Patrol	REPAIR	GW	GROUND WIRE	9/24/2001 10:50:50 AM
NSW3405-0259	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3405-0270	Helicopter Patrol	Change out broken down guy	BG	9/5/01 Mackie reported down guy busted holding larger conductor	9/11/2001 4:43:08 PM
NSW3405-0281	Helicopter Patrol	REPLACE INSULATION	FI	POLYMER BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3405-0342	Helicopter Patrol	REPAIR	GW	30' ARE LOOSE	9/24/2001 10:50:50 AM
NSW3405-0346	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3405-0355	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3405-0380	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3405-0381	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3405-0382	Air Patrol	REPAIR BROKEN GROUND WIRE NEAR STATIC	GW	BROKEN POLE GROUND POLE TOP	1/24/2001 3:42:34 PM
NSW3405-0397	Air Patrol	Repair	GW	AP reports groundwire broken at pole top	3/9/2001 11:23:26 AM
NSW3405-0416	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3405-0417	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3406-0001	Transmission Line Crew	Change out - Manual	PT	4/2/01 patrol reported pole in bad condition throughout. Str is stubbed. Can hold pole with equipment with outage to one side & hot stick the other to replace str.. New dbl davit	4/3/2001 11:48:30 AM
NSW3406-0023	Transmission Inspector	Replace damaged insulation, Left & Right out- Manual if necessary. Along bike trail - Left side out	IN	3/27/01 patrol reported chipped/contaminated bells - All bells on left & top only right. These can be hot sticked. 13 bells on L side, Clean top ph on R side	3/30/2001 12:32:21 PM
NSW3406-0023	Transmission Inspector	Install str #	ID	3/27/01 patrol reported str # missing	3/30/2001 12:32:21 PM
NSW3406-0025	Transmission Inspector	Replace damaged insulation, Right out - Manual if necessary.	FI	3/27/01 patrol reported flash bell, Right top. These can be hot sticked if xa not replaced. Insulators needed cleaning	3/30/2001 12:32:21 PM
NSW3406-0025	Transmission Inspector	Monitor xa	DA	3/27/01 patrol reported hole in center xa, Right side. 65 bucket will reach over trees; Mackie reported knot in xa popped out, xa is ok for 5+ years	3/30/2001 12:32:21 PM
NSW3406-0027	Transmission Inspector	Monitor buried guy wires	GU	3/27/01 patrol reported guys buried approx. 5'	3/30/2001 12:32:21 PM
NSW3406-0033	Transmission Inspector	Replace damaged insulation, Left side out , Manual if necessary. Behind Labor Temple area	IN	3/27/01 patrol reported 3 broken/chipped on bottom bottom xa, left circuit. These possibly could be hot sticked. Bird	3/30/2001 12:32:21 PM
NSW3406-0035	Transmission Inspector	Replace damaged insulation, Left side out, Manual if necessary	IN	3/27/01 patrol reported 2 broken/chipped on bottom bottom xa, left circuit. These possibly could be hot sticked. Mackie replace 10 bells on L circuit @ middle & bottom - clean remaining	3/30/2001 12:32:21 PM
NSW3406-0035	Transmission Inspector	Monitor	ID	3/27/01 patrol reported missing ID	3/30/2001 12:32:21 PM
NSW3406-0038	Transmission Inspector	Replace damaged insulation, Right side out, Manual if	IN	3/27/01 patrol reported 2 broken/chipped on right jumper string, top & bottom. These possibly could be hot sticked. Brett replaced 5 bells, R jumper string	3/30/2001 12:32:21 PM
NSW3406-0038	Transmission Inspector	Repair ground wire, Both sides out	GW	3/27/01 patrol reported grd wire broke @ static; repaired previously	3/30/2001 12:32:21 PM
NSW3406-0047	Transmission Inspector	Change out xa, Both sides out	DA	3/29/01 patrol reported bottom xa cracked on left side. Will require both lines out or possible hot stick. Crew reported nothing wrong, weather creacks in xa's	3/30/2001 12:32:21 PM
NSW3406-0051	Transmission Inspector	Verify pole integrity	DP	3/29/01 patrol reported deep crack @ grd line, possible pole rot; crew reported natural crack, pole ok	3/30/2001 12:32:21 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3406-0052	Transmission Inspector	Repair grd wire, Right side, Manual	GW	3/29/01 patrol reported grd wire broke @ static	3/30/2001 12:32:21 PM
NSW3406-0054	Transmission Inspector	Repair pole top, Right side, Manual	PT	3/29/01 patrol reported pole top rot	3/30/2001 12:32:21 PM
NSW3408-0002	FOOT PATROL	MONITOR RUST	DP		4/25/2001 9:19:25 AM
NSW3408-0003	FOOT PATROL	MONITOR RUST	DP		4/25/2001 9:32:00 AM
NSW3408-0014	FOOT PATROL	REPAIR GUY GRIP	GU	WRAP NOT LOCKED	4/25/2001 9:32:00 AM
NSW3408-0015	FOOT PATROL	REPAIR GUARD	GG	GUARD STUCK UNDER WRAP	4/25/2001 9:32:00 AM
NSW3408-0018	FOOT PATROL	REPAIR WITH I-FOAM	WH		4/25/2001 9:32:00 AM
NSW3408-0018	Helicopter Patrol	REPAIR WITH I-FOAM	WH		11/2/2001 3:39:58 PM
NSW3408-0018-4	FOOT PATROL	REPAIR WITH I-FOAM	WH		4/25/2001 9:32:00 AM
NSW3408-0018-4	Helicopter Patrol	REPAIR WITH I-FOAM	WH		11/2/2001 3:39:58 PM
NSW3408-0020	FOOT PATROL	REPAIR WITH I-FOAM	WH	2 SMALL HOLES BELOW SCREEN	4/25/2001 9:32:00 AM
NSW3408-0020	Helicopter Patrol	REPAIR WITH I-FOAM	WH	2 SMALL HOLES BELOW SCREEN	11/2/2001 3:39:58 PM
NSW3408-0020	Helicopter Patrol	REPAIR WITH I-FOAM	WH		11/2/2001 3:39:58 PM
NSW3408-0021	FOOT PATROL	REPAIR WITH I-FOAM	WH	2 SMALL HOLES	4/25/2001 9:32:00 AM
NSW3408-0024	FOOT PATROL	REMOVE OLD POLE BUTT	RW		4/25/2001 9:32:00 AM
NSW3408-0024	Helicopter Patrol	REMOVE OLD POLE BUTT	RW		11/2/2001 3:39:58 PM
NSW3408-0028	FOOT PATROL	OLD HOLE NEEDS FILL	RW	BLACK DIRT AND SEED	4/25/2001 9:32:00 AM
NSW3408-0028	Helicopter Patrol	OLD HOLE NEEDS FILL	RW	BLACK DIRT AND SEED	11/2/2001 3:39:58 PM
NSW3408-0030	FOOT PATROL	TIGHTEN GUY	GU		4/25/2001 9:32:00 AM
NSW3408-0030	Helicopter Patrol	TIGHTEN GUY WIRE	GU		11/2/2001 3:39:58 PM
NSW3408-0437	Air Patrol	Replace insulator on tangent str	IN	AP reported broken insulator	3/9/2001 4:01:38 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3408-0483	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/16/2001 9:23:11 AM
NSW3408-0494	Transmission Line Crew	Replace pole bands	DH	7/24/01 XTC found static pole band broken. Replaced	8/6/2001 11:25:22 AM
NSW3408-0494	Transmission Line Crew	Cut off pole tops	PT	7/24/01 XTC found pole top rot. Crew cut off & toppered both poles	8/6/2001 11:25:22 AM
NSW3408-0495	Transmission Line Crew	Replace pole bands	DH	7/24/01 XTC found static pole band broken. Replaced with new str change out.	8/6/2001 11:25:22 AM
NSW3408-0501	Helicopter Patrol	INSTALL NEW	GG		10/16/2001 9:23:11 AM
NSW3408-0543	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/16/2001 9:23:11 AM
NSW3408-0546	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3408-0559	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/16/2001 9:23:11 AM
NSW3408-0593	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/16/2001 9:23:11 AM
NSW3408-0600	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3408-0602	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3408-0612	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3408-0626		RECLIP/RETIE	LS	LEANING INLINE 12", WALKED IN SHOE	10/8/2001 10:32:14 AM
NSW3408-0639		REPAIR	ST	BOTH POLES ARE SPLIT REPAIR WITH NEW RIDGE IRON OR BAYONET	10/8/2001 10:32:14 AM
NSW3409-0019	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3409-0020	Transmission Inspector	Repair bird damage	WH	3/9/01 Roeder reported 1 med hole by middle davit	11/13/2001 11:12:53 AM
NSW3409-0044	Eau Claire Troubleman	Verify damage & repair	DP	9/4/01 Roeder repaired damage to pole hit by vehicle 9/2/01.	9/4/2001 10:44:06 AM
NSW3409-0044	Helicopter Patrol	REPAIR WITH I-FOAM	WH	3/9/01 Roeder reported med hole below phase	9/24/2001 10:50:50 AM
NSW3409-0046	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3409-0048	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3409-0049	Transmission Inspector	Repair bird damage	WH	3/9/01 Roeder reported 1 med hole by bottom davit	11/13/2001 11:12:53 AM
NSW3409-0051	Helicopter Patrol	REPAIR WITH I-FOAM	WH	3/9/01 Roeder reported med & sm hole by bottom davits	9/24/2001 10:50:50 AM
NSW3409-0053	Transmission Inspector	Repair bird damage	WH	3/9/01 Roeder reported 1 sm hole by middle davit	11/13/2001 11:12:53 AM
NSW3409-0328	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3409-0394	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3409-0395	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3409-0396	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3409-0397	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3409-0398	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3409-0403	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3409-0489	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3410-0003	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3410-0011	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3410-0082	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3410-0122	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 2 holes	3/22/2001 3:28:03 PM
NSW3410-0123	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3410-0123	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 2 holes	3/22/2001 3:28:03 PM
NSW3410-0128	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 2 holes	3/22/2001 3:28:03 PM
NSW3410-0129	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 2 holes	3/22/2001 3:28:03 PM
NSW3410-0137	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 4 holes	3/22/2001 3:28:03 PM
NSW3410-0138	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3410-0138	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 5 holes	3/22/2001 3:28:03 PM
NSW3410-0140	Transmission Line Crew	Repair damage	WH	Crew patroled line 3/15/01 & found 5 holes	3/22/2001 3:28:03 PM
NSW3410-0145	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3410-0148	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3410-0152	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0174	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3410-0202	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0204	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	10/15/2001 1:58:50 PM
NSW3410-0212	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0213	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0228	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0249	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3410-0271	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	10/15/2001 1:58:50 PM
NSW3410-0274	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3410-0305	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3410-0307	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3410-0316	Transmission Line Crew	Repair damage	WH	Crew discovered this wpk damage on general maint. 5 holes, 96 lbs, 21 sheets of screen	3/22/2001 2:48:28 PM
NSW3410-0317	Transmission Line Crew	Repair damage	WH	Crew discovered this wpk damage on general maint. 7 holes, 42 lbs, 11 sheets of screen	3/22/2001 2:48:28 PM
NSW3410-0318	Transmission Line Crew	Repair damage	WH	Crew discovered this wpk damage on general maint. 8 holes, 24 lbs, 14 sheets of screen	3/22/2001 2:48:28 PM
NSW3410-0320		Repair	WH	Crew discovered WPK holes on str, filled 2 holes - 32lbs & screened this H-frame with 42 sheets.	3/9/2001 2:07:12 PM
NSW3410-0363	Transmission Line Crew	Monitor condition	LS	Crew patroled line 3/15/01 & found pole leaning	3/22/2001 3:28:03 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3410-0367	Transmission Line Crew	Monitor condition	LS	Crew patroled line 3/15/01 & found pole leaning	3/22/2001 3:28:03 PM
NSW3412-0016	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3412-0017	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3412-0019	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3412-0021	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3412-0129	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3413-0026	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3413-0027	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3413-0028	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3413-0194	Helicopter Patrol	REPAIR	RW	CULVERT NOT FULL	10/16/2001 9:23:11 AM
NSW3413-0212	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3413-0239	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3413-0252	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3413-0253	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0210	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0211	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0242	Transmission Inspector	Review plan & profile to determine correct structure height	XX	4/24/01 Roeder reported structure 242 is wrong pole height causing down strain on adjacent str s.	11/13/2001 8:36:55 AM
NSW3414-0243	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0246	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0247	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0247	Transmission Inspector	Repair damaged pole	WH	4/24/01 Roeder reported 2 lg & 2 med wpk holes	11/13/2001 8:47:21 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3414-0248	Transmission Inspector	RESET POLE	LS	4/24/01 Roeder reported pole leaning 3' crossline	11/13/2001 8:47:21 AM
NSW3414-0274	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0278	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0282	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0285	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0286	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0290	Transmission Inspector	LAPP dead-ends need monitoring	DH	4/24/01 Roeder reported these strucutures are dead-ends	11/13/2001 8:47:21 AM
NSW3414-0315	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0318	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0319	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0320	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0339	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3414-0340	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3415-0024	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 3'	10/15/2001 1:58:50 PM
NSW3415-0025	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 3'	10/15/2001 1:58:50 PM
NSW3415-0028	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0030	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0032	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0046	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/15/2001 1:58:50 PM
NSW3415-0048	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0099	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3415-0100	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0101	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0102	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0103	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0107	Helicopter Patrol	REPAIR	GW	GROUND WIRE BROKEN	10/15/2001 1:58:50 PM
NSW3415-0121	Helicopter Patrol	RECLIP/RETIE	LS	IN LINE 2'	10/15/2001 1:58:50 PM
NSW3415-0122	Helicopter Patrol	RECLIP/RETIE	LS	IN LINE 2'	10/15/2001 1:58:50 PM
NSW3415-0134	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0136	Air Patrol	REPAIR	DH	AP reports pole ground loose	3/9/2001 11:28:20 AM
NSW3415-0145	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0151	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0152	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0153	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0154	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0184	System Operator	REPLACE INSULATION	IN	SWITCH NEEDS TO BE REGLASSED AND ADJUSTED.	6/13/2001 2:05:32 PM
NSW3415-0185	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0208	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3415-0210	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0212	Air Patrol	Repair pole ground	GW	3/9/01 patrol found broken ground	4/2/2001 11:52:16 AM
NSW3415-0212	Helicopter Patrol	REPLACE INSULATION	FI	ALL PHASES	10/15/2001 1:58:50 PM
NSW3415-0214	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0231	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0234	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3415-0263	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0264	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0265	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0267	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3415-0279	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0280	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0284	Helicopter Patrol	REPLACE INSULATION	IN	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0300	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0316	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3415-0336	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0338	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0340	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3415-0344	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3415-0349	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3415-0364	Helicopter Patrol	REPAIR WITH I-FOAM	WH	WP HOLES	10/15/2001 1:58:50 PM
NSW3415-0365	Helicopter Patrol	REPAIR WITH I-FOAM	WH	WP HOLES	10/15/2001 1:58:50 PM
NSW3415-0383	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3416-0001		TIGHTEN GUY WIRE	GU	Guy's ok	11/5/2001 9:16:53 AM
NSW3416-0001	FOOT PATROL	TIGHTEN GUY	GU	GUY WIRE LOOSE	4/25/2001 9:32:00 AM
NSW3416-0001	FOOT PATROL	Install guy guard	GG	1 missing	4/25/2001 1:52:35 PM
NSW3416-0004	FOOT PATROL	CHANGE OUT POLE	DP	WOOD PECKER AND ANT DAMAGE; replace str	4/25/2001 1:52:35 PM
NSW3416-0007	FOOT PATROL	CHANGE OUT POLE	DP	WOOD PECKER AND DECAY; replace str	4/25/2001 1:52:35 PM
NSW3416-0008	FOOT PATROL	CHANGE OUT POLE	DP	WOOD PECKER AND DECAY, HAS BEEN REINFORCED BUT THIS IS ABOVE. Replaced str & used 8' x 36" culvert	4/25/2001 1:52:35 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3416-0009	FOOT PATROL	REPAIR WITTH I-FOAM	WH	Cut off top & installed pole topper, filled 3 holes, 9lbs	4/25/2001 1:52:35 PM
NSW3416-0010	FOOT PATROL	REPAIR GRID	RW	GRID IS WASHING OUT CAUSING A TRIPPING HAZZARD TO PUBLIC. Public no longer has access. Not	4/25/2001 1:52:35 PM
NSW3416-0011	FOOT PATROL	NEEDS TO BE PAINTED	SS		4/25/2001 1:52:35 PM
NSW3416-0015-3	FOOT PATROL	CHANGE OUT INSULATION ON ANGLE STR.	IN	BOTTOM PHASE	4/25/2001 1:52:35 PM
NSW3416-0015-3	FOOT PATROL	REPAIR GUY	GU	ANCHOR MAY HAVE BEEN HIT. GUY GUARD BENT. Move anchor closer to pole or barricade.	4/25/2001 1:52:35 PM
NSW3416-0016	FOOT PATROL	REPAIR FOUNDATION	FD	CONCRETE CRACKED AND FLAKING	4/25/2001 1:52:35 PM
NSW3416-0016	FOOT PATROL	CHANGE OUT BENT LACING	SS	BOTTOM BRACING JUST OFF OF FOUNDATION	4/25/2001 1:52:35 PM
NSW3416-0026	FOOT PATROL	REPAIR WITH I-FOAM	WH		4/25/2001 1:52:35 PM
NSW3417-0008	Transmission Line Crew	Replace insulation	FI	3/27/01 Patrol reported flash bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0013	Transmission Line Crew	CHANGE OUT	DB	3/27/01 Patrol reported splinted brace	3/30/2001 7:55:40 AM
NSW3417-0015	Transmission Line Crew	REPAIR WITH I-FOAM	WH	FILLED 6 HOLES 6 LBS.	3/30/2001 7:55:40 AM
NSW3417-0016	Transmission Line Crew	REPAIR WITH I-FOAM	WH	FILLED 9 HOLES 16 LBS.	4/25/2001 8:18:23 AM
NSW3417-0020	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0022	Transmission Line Crew	Replace insulation	IN	REPLACED 4 INSULATORS BOTTOM PHASE	3/30/2001 7:55:40 AM
NSW3417-0025	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0046	Transmission Line Crew	Repair	DB	3/27/01 Patrol reported bent leg & level brace	3/30/2001 7:55:40 AM
NSW3417-0057	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0060	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3417-0061	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0061	Transmission Line Crew	REPAIR WITH I-FOAM	WH	FILLED 1 HOLE 2 LBS.	3/30/2001 7:55:40 AM
NSW3417-0067	Transmission Line Crew	REPAIR BROKEN STRANDS	DC	INSTALLED REPAIR SLEEVE ON JUMPER	4/25/2001 8:20:57 AM
NSW3417-0080	Transmission Line Crew	Repair	DA	3/27/01 Patrol reported splinted xa, sm sliver out	3/30/2001 7:55:40 AM
NSW3417-0085	Transmission Line Crew	INSTALL I-FOAM	WH	FILLED 2 HOLES 4 LBS.	3/30/2001 7:55:40 AM
NSW3417-0087	Transmission Line Crew	Monitor	DA	3/28/01 Patrol reported sm crack @ end of xa	3/30/2001 10:40:35 AM
NSW3417-0088	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell	3/30/2001 7:55:40 AM
NSW3417-0089	Helicopter Patrol	REPAIR WITH I-FOAM	WH	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3417-0091	Transmission Line Crew	CHANGE OUT INSULATION ON TANGENT	IN	REPLACED 4 INSULATORS	4/25/2001 8:56:49 AM
NSW3417-0092	Transmission Line Crew	CHANGE OUT INSULATION ON TANGENT	IN	REPLACED 4 INSULATORS	4/25/2001 8:56:49 AM
NSW3417-0093	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell	3/30/2001 7:55:40 AM
NSW3417-0094	Helicopter Patrol	REMOVE	RW	OLD POLE BUTTS	9/24/2001 10:50:50 AM
NSW3417-0109	Transmission Line Crew	Replace insulation	IN	3/28/01 Patrol reported chipped bell, top phase	3/30/2001 7:55:40 AM
NSW3417-0116	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3417-0127	Helicopter Patrol	REPLACE INSULATION	FI	EAST PHASE	9/24/2001 10:50:50 AM
NSW3417-0135	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3417-0142	Transmission Line Crew	Replace insulation	FI	3/28/01 Patrol reported flashed bells, top/bottom phase	3/30/2001 7:55:40 AM
NSW3417-0144	Transmission Line Crew	Replace insulation	IN	3/28/01 Patrol reported chipped bell, bottom center phase; replace 11 DE bells	3/30/2001 7:55:40 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3418-0127	Helicopter Patrol	REMOVE	RW	OLD ARMS IN R/W	9/24/2001 10:50:50 AM
NSW3418-0157	Helicopter Patrol	REPAIR WITH I-FOAM	WH	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3418-0249	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3418-0251	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3418-0795	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3418-0796	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3419-0028	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0044	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0045	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0049	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0050	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0051	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0053	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0054	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0055	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0059	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0071	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0074	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0079	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0082	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0084	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0105	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0108	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3419-0109	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0131	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3419-0132	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0135	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0136	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0140	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0141	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0144	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0151	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0152	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0153	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0154	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0181	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0182	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0183	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0184	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0187	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0191	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0194	Transmission Inspector	VERIFY	WH	Check clearances - pole buried . 3/30/01 Roeder reported clearances ok, need to install cunap wrap, raise danger sign, pole number & tag	11/2/2001 8:25:50 AM
NSW3419-0200	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0204	Transmission Inspector	Fill med holes & screen pole if necessary	WH	3/3/01 Roeder reported 2 med holes; 2 holes, 6lbs & 8 sheets wire mesh	11/2/2001 8:25:50 AM
NSW3419-0205	Transmission Inspector	Fill med holes & screen pole if necessary	WH	3/3/01 Roeder reported 5 large holes. 5 holes, 66lbs & 8 sheets wire mesh	11/2/2001 8:25:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3419-0207	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0220	Helicopter Patrol	CHANGE OUT	IN	COMPLETED ON REBUILD	10/16/2001 9:23:11 AM
NSW3419-0222	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0240	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0241	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0242	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0243	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0262	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0265	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0267	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0273	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0274	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0275	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0276	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0287	Helicopter Patrol	CHANGE OUT	IN	INSULATORS TRACKING	10/16/2001 9:23:11 AM
NSW3419-0321	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18"	10/16/2001 9:23:11 AM
NSW3419-0414	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3419-0440	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3419-0441	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3419-0512	Helicopter Patrol	CHANGE OUT	FI	BOTTOM PHASE	10/16/2001 9:23:11 AM
NSW3419-0513	Helicopter Patrol	CHANGE OUT	FI	BOTTOM PHASE	10/16/2001 9:23:11 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3419-0514	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3419-0529	Helicopter Patrol	CHANGE OUT	FI	BOTTOM PHASE	10/16/2001 9:23:11 AM
NSW3419-0530	Helicopter Patrol	CHANGE OUT	FI	TOP PHASE	10/16/2001 9:23:11 AM
NSW3419-0531	Helicopter Patrol	CHANGE OUT	FI	TOP PHASE	10/16/2001 9:23:11 AM
NSW3421-0058	Amery Troubleman	change out insulator on tangent	IN	2 broken insulators	2/12/2001 7:38:09 AM
NSW3421-0068	Amery Troubleman	change out insulator	FI	1 flashed horizontal post	2/12/2001 7:38:09 AM
NSW3421-0068	Amery Troubleman	repair broken ground wire	GW	connection broken at static	2/12/2001 7:38:09 AM
NSW3421-0138	Rice Lake Troubleman	Check and adjust Switch	SO	Steve Holt reports 4A32 need adjustment. TLC replace rupters & adjusted switch	1/15/2001 4:26:35 PM
NSW3421-0138	Transmission Line Crew	Crew reported vac rupters broken	SO	Replace vacuum interrupters with like kind - Used from Chestnut Serv Cntr	9/20/2001 5:51:28 PM
NSW3421-0227	Air Patrol	Replace broken bells	IN	Crew replaced 8 bells that were shot off	11/6/2001 7:55:09 AM
NSW3422-0005	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/1/2001 6:40:38 AM
NSW3422-0008	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/1/2001 6:40:38 AM
NSW3422-0009	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/1/2001 6:40:38 AM
NSW3422-0010	FOOT PATROL	REPLACE INSULATION	IN	BOTTOM: MIDDLE AND RIGHT PHASES	5/1/2001 6:40:38 AM
NSW3422-0017	FOOT PATROL	INSTALL GROUNDLINE	PS	ALSO REMOVE HIGH VOLTAGE SIGN AND PLACE AT PROPER HEIGHT	5/1/2001 6:40:38 AM
NSW3422-0018	FOOT PATROL	INSTALL NEW HIGH VOLTAGE SIGN	ID		5/1/2001 6:40:38 AM
NSW3422-0023	FOOT PATROL	VERIFY ARM ROT	DA	WEST ARM APPEARS TO BE HOLLOW	5/1/2001 6:40:38 AM
NSW3422-0024	FOOT PATROL	STRAIGHTEN POLE	LS	POLE LEANING 18 - 24" CROSSLINE	5/1/2001 6:40:38 AM
NSW3422-0036	FOOT PATROL	REPAIR WITH POLE TOPPER	PT		5/1/2001 6:40:38 AM
NSW3422-0036	FOOT PATROL	REMOVE OLD ANCHOR	RW		5/1/2001 6:40:38 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0041	FOOT PATROL	REPAIOR LOOSE HARDWARE	DH	MIDDLE HORZ POST BURNT BOTTOM SIDE NEXT TO POLE; replace 2 posts	5/1/2001 6:40:38 AM
NSW3422-0041	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0042	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0042	FOOT PATROL	REPAIR GROUND ROD	GR	DRIVE GROUND ROD BELOW GRADE	5/1/2001 6:40:38 AM
NSW3422-0043	FOOT PATROL	INSTALL POLE NUMBER	ID	1953 VINTAGE	5/1/2001 6:40:38 AM
NSW3422-0044	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0044	FOOT PATROL	INSTALL POST INSULATOR	FI	BOTTOM PHASE	5/1/2001 6:40:38 AM
NSW3422-0045		RECLIP/RETIE	LS	IN LINE	11/5/2001 9:16:53 AM
NSW3422-0045		INSTALL POLE NUMBER	ID	55'	11/5/2001 9:16:53 AM
NSW3422-0045	FOOT PATROL	RECLIP POLE	LS	LEANING IN-LINE	5/1/2001 6:40:38 AM
NSW3422-0045	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0046		TIGHTEN HARDWARE	DH	55/3 DID NOT SPECIFY	11/5/2001 9:16:53 AM
NSW3422-0046		INSTALL POLE NUMBER	ID	55/3	11/5/2001 9:16:53 AM
NSW3422-0046	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0046	FOOT PATROL	TIGHTEN HARDWARE	DH	DID NOT SPECIFY	5/1/2001 6:40:38 AM
NSW3422-0047		INSTALL POLE NUMBER	ID	55/3	11/5/2001 9:16:53 AM
NSW3422-0047	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0048		INSTALL POLE NUMBER	ID	65/3	11/5/2001 9:16:53 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0048	FOOT PATROL	INSTALL POLE NUMBER	ID		5/1/2001 6:40:38 AM
NSW3422-0048	FOOT PATROL	RESET POLE	LS	LEANING 18 TO 24" CROSSLINE TOWARDS HOUSE, 3/5/02 ROEDER LEANING X LINE 18", MONITOR	5/1/2001 6:40:38 AM
NSW3422-0049	FOOT PATROL	RESET POLE	LS	03/05/02 ROEDER REPORTED LEANING X LINE 14" 1971 VINTAGE POLE	5/1/2001 6:40:38 AM
NSW3422-0049	FOOT PATROL	CHANGE POST INSULATOR	IN	BOTTOM PHASE FIRST SKIRT, REODER REPORTED NO BROKEN SKIRT	5/1/2001 6:40:38 AM
NSW3422-0053		VERIFY	DC	60 OUT FROM 53 TOWARDS 52, WIRE IS DISCOLORED, TWO BLACK MARKS: ROEDER REPORT NO PHYSICAL DAMAGE	11/5/2001 9:16:53 AM
NSW3422-0053	FOOT PATROL	VERIFY DAMAGE TO SHIELD	DC	60 OUT FROM 53 TOWARDS STR. 52, WIRE IS DISCOLORED TWO BLACK MARKS.	5/1/2001 6:40:38 AM
NSW3422-0054		RESET POLE	LS	18 TO 24" CROSSLINE	11/5/2001 9:16:53 AM
NSW3422-0054	FOOT PATROL	RESET POLE	LS	18 TO 24" CROSSLINE	5/1/2001 6:40:38 AM
NSW3422-0057		RESET POLE	GR	POLE MAY HAVE TO BE RESET	11/5/2001 9:16:53 AM
NSW3422-0057		BANDAGE POLE	PS	BRAND IS AT 9'; 3/6/02 ROEDER REPORTED POLE IS 3' SHALLOW, IN GRD 5'	11/5/2001 9:16:53 AM
NSW3422-0057	FOOT PATROL	INSTALL POLE BANDAGE/RESET POLE?	PS	POLE BRAND IS AT 9'	5/1/2001 6:40:38 AM
NSW3422-0057	FOOT PATROL	POLE MAY HAVE TO BE RESET	GR	GROUND ROD EXPOSED	5/1/2001 6:40:38 AM
NSW3422-0058		MONITOR CONDITION	PS	2' SHALLOW	11/5/2001 9:16:53 AM
NSW3422-0058		REPAIR	GW	GROUND CONNECTION CUT AT ANCHOR ROD	11/5/2001 9:16:53 AM
NSW3422-0058		INSTALL NEW	GG		11/5/2001 9:16:53 AM
NSW3422-0058	FOOT PATROL	MONITOR	PS	POLE APPEARS TO BE 2' SHALLOW	5/1/2001 6:40:38 AM
NSW3422-0058	FOOT PATROL	REPAIR BROKEN GROUND	GW	GROUND CONNECTION IS CUT AT ANCHOR ROD	5/1/2001 6:40:38 AM
NSW3422-0058	FOOT PATROL	INSTALL GUY GUARD	GG	2 GUARDS MISSING	5/1/2001 6:40:38 AM
NSW3422-0059		PAINT STRUCTURE	SS		11/5/2001 9:16:53 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0059		Location and age of line being studied as relocate/rebuild	DP	Line is shell rot and house construction prior to 1979 code	11/5/2001 9:16:53 AM
NSW3422-0059	FOOT PATROL	INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0059	FOOT PATROL	NEEDS PAINTING	SS	PAINT IS FLAKING	5/1/2001 6:40:38 AM
NSW3422-0060		PAINT STRUCTURE	SS		11/5/2001 9:16:53 AM
NSW3422-0060		Location & age of line being studied a relocate/rebuild	DP	Line is shell rot and house construction prior to 1979 code	11/5/2001 9:16:53 AM
NSW3422-0060	FOOT PATROL	NEEDS PAINTING	SS	PAINT IS FLAKING	5/1/2001 6:40:38 AM
NSW3422-0060	FOOT PATROL	INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0061		PAINT STRUCTURE	SS		11/5/2001 9:16:53 AM
NSW3422-0061		Location and age of line being studied as relocate/rebuild	DP	Line is shell rot and house construction prior to 1979 code	11/5/2001 9:16:53 AM
NSW3422-0061	FOOT PATROL	NEEDS PAINTING	SS	PAINT IS FLAKING	5/1/2001 6:40:38 AM
NSW3422-0061	FOOT PATROL	INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0062		PAINT STRUCTURE	SS		11/5/2001 9:16:53 AM
NSW3422-0062	FOOT PATROL	NEEDS PAINTING	SS	PAINT IS FLAKING	5/1/2001 6:40:38 AM
NSW3422-0063		REPLACE INSULATION	FI	BOTTOM PHASE	11/5/2001 9:16:53 AM
NSW3422-0063	FOOT PATROL	REPLACE INSULATION	FI	BOTTOM PHASE	5/1/2001 6:40:38 AM
NSW3422-0066		MONITOR CONDITION	PS	2' SHALLOW	11/5/2001 9:16:53 AM
NSW3422-0066	FOOT PATROL	MONITOR	PS	POLE IS SHALLOW	5/1/2001 6:40:38 AM
NSW3422-0068		REPLACE INSULATION	IN	TOP & BOTTOM PHASES	11/5/2001 9:16:53 AM
NSW3422-0068	FOOT PATROL	REPLACE INSULATION	IN	TOP AND BOTTOM PHASES	5/1/2001 6:40:38 AM
NSW3422-0069		REMOVE	PS	ANCHOR IS BURIED	11/5/2001 9:16:53 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0069		REMOVE	FO	FROM CENTER PHASE	11/5/2001 9:16:53 AM
NSW3422-0069	FOOT PATROL	REMOVE FOREIGN OBJECT FROM CONDUCTOR	FO	CENTER PHASE	5/1/2001 6:40:38 AM
NSW3422-0069	FOOT PATROL	REPLACE OR EXTEND ANCHOR	PS	ANCHOR IS BURIED	5/1/2001 6:40:38 AM
NSW3422-0071		BANDAGE POLE	PS	BRAND IS AT 8' HASS PUSH BRACE	11/5/2001 9:16:53 AM
NSW3422-0071	FOOT PATROL	INSTALL POLE BANDAGE/RESET POLE?	PS	POLE BRAND IS AT 8' HAS PUSH BRACE	5/1/2001 6:40:38 AM
NSW3422-0072		REPLACE INSULATION	IN	MIDDLE PHASE	11/5/2001 9:16:53 AM
NSW3422-0072		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0072	FOOT PATROL	REPLACE INSULATION	IN	MIDDLE PHASE	5/1/2001 6:40:38 AM
NSW3422-0072	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0073		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0073	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0074		REPAIR	GW		11/5/2001 9:16:53 AM
NSW3422-0074		REPLACE INSULATION	IN	MIDDLE & BOTTOM PHASES	11/5/2001 9:16:53 AM
NSW3422-0074	FOOT PATROL	GROUND WIRE NEEDS RESTAPLING	GW		5/1/2001 6:40:38 AM
NSW3422-0074	FOOT PATROL	REPLACE INSULATION	IN	MIDDLE AND BOTTOM PHASES	5/1/2001 6:40:38 AM
NSW3422-0078		REPLACE INSULATION	IN	MIDDLE & BOTTOM INSULATORS CHIPPED; replace 4 bells	11/5/2001 9:16:53 AM
NSW3422-0078	FOOT PATROL	REPLACE INSULATION	IN		5/1/2001 6:40:38 AM
NSW3422-0080		REPAIR	DG	REPORTED AS DAMAGE TO GUYING; replace preforms	11/5/2001 9:16:53 AM
NSW3422-0080		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	11/5/2001 9:16:53 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0080	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0080	FOOT PATROL	REPAIR GUY	DG	DAMAGE TO 10M GUYING	5/1/2001 6:40:38 AM
NSW3422-0081		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	11/5/2001 9:16:53 AM
NSW3422-0081	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0082		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED; ROEDER REPORTED INSULATORS OK, NO TRACKING	11/5/2001 9:16:53 AM
NSW3422-0082		REPLACE INSULATION	IN	MIDDLE PHASE BROKE SKIRT, INSULATOR KEYS NOT SEATED ON MIDDLE & BOTTOMS PHASES; replaced 4 bells. Keys removed for anti-noise keepers	11/5/2001 9:16:53 AM
NSW3422-0082	FOOT PATROL	REPLACE INSULATION	IN	MIDDLE PHASE	5/1/2001 6:40:38 AM
NSW3422-0082	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0083		REPLACE INSULATION	IN	MIDDLE PHASE	11/5/2001 9:16:53 AM
NSW3422-0083		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0083	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0083	FOOT PATROL	REPLACE INSULATION	IN	MIDDLE PHASE	5/1/2001 6:40:38 AM
NSW3422-0084		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0084	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0085		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0085	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM
NSW3422-0086		REPLACE INSULATION	FO	INSULATION LOOKS CONTAMINATED	11/5/2001 9:16:53 AM
NSW3422-0086		REPLACE INSULATION	IN	TOP PHASE	11/5/2001 9:16:53 AM
NSW3422-0086	FOOT PATROL	INSULATION LOOKS CONTAMINATED	FO		5/1/2001 6:40:38 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0086	FOOT PATROL	REPLACE INSULATION	IN	TOP PHASE	5/1/2001 6:40:38 AM
NSW3422-0089		REPAIR	GW	NEED GRD RODS & STAPLES; completed	11/5/2001 9:16:53 AM
NSW3422-0089		REPLACE INSULATION	IN	CENTER & BOTOM PHASES; replace 4 bells	11/5/2001 9:16:53 AM
NSW3422-0089	FOOT PATROL	REPLACE INSULATION	IN	CENTER AND BOTTOM PHASES	5/1/2001 6:40:38 AM
NSW3422-0089	FOOT PATROL	REPAIR BROKEN GROUND WIRE	GW	AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0090		REPAIR	GW	NEED GRD RODS & STAPLES; completed	11/5/2001 9:16:53 AM
NSW3422-0090		REPLACE INSULATION	IN	CHIPPED INSULATOR; completed	11/5/2001 9:16:53 AM
NSW3422-0090		CHANGE OUT	DB	MIDDLE ARM OF Z ARM ASSY SPLINTERED, REPLACE; completed	11/5/2001 9:16:53 AM
NSW3422-0090	FOOT PATROL	REPAIR BROKEN GROUND WIRE	GW	AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0090	FOOT PATROL	REPLACE INSULATION	IN	BOTTOM PHASE	5/1/2001 6:40:38 AM
NSW3422-0090	FOOT PATROL	REPLACE BRACE	DB	WISHBONE BRACE IS SPLINTERED	5/1/2001 6:40:38 AM
NSW3422-0097		REMOVE	SS	GROPUND IS ABOVE PROTECTIVE COATING	11/5/2001 9:16:53 AM
NSW3422-0097	FOOT PATROL	INSTALL PROTECTIVE COATING	SS	GROUND IS ABOVE PROTECTIVE COATING	5/1/2001 6:40:38 AM
NSW3422-0098		REPAIR	GW	AT BASE OF POLE	11/5/2001 9:16:53 AM
NSW3422-0098		VERIFY	SS	FOUNDATION IS CHIPPED IN 3 AREAS	11/5/2001 9:16:53 AM
NSW3422-0098	FOOT PATROL	REPAIR GROUND WIRE	GW	GROUNDING WIRE IS BROKEN AT BASE OF POLE	5/1/2001 6:40:38 AM
NSW3422-0098	FOOT PATROL	VERIFY WHAT TO DO	SS	FOUNDATION IS CHIPPED IN THREE AREAS	5/1/2001 6:40:38 AM
NSW3422-0100		REMOVE OLD ANCHOR	RW	OLD STATIC ANCHOR 70' S OF STR. CHOPSAW; completed	11/5/2001 9:16:53 AM
NSW3422-0100	FOOT PATROL	REMOVE OLD ANCHOR	RW	WILL NEED GO-TRACT	5/1/2001 6:40:38 AM
NSW3422-0101		REPAIR BIRDCAGE	DC	NO BROKEN STRANDS, JUST LOOKS BAD PER ROEDER	11/5/2001 9:16:53 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3422-0101		TIGHTEN LOOSE BOLTS	DH	FIRST SPLICE PLATE NORTHEAST LEG; ROEDER REPORTED 3/4" X 2 1/2" BOLT MISSING, 3 LOCKNUTS MISSING & SOME BOLTS MISSING.	11/5/2001 9:16:53 AM
NSW3422-0101	FOOT PATROL	TIGHTEN LOOSE BOLTS	DH	FIRST SPLICE PLATE NORTHEAST LEG	5/1/2001 6:40:38 AM
NSW3422-0101	FOOT PATROL	BIRDCAGE	DC	EAST AND CENTER PHASES	5/1/2001 6:40:38 AM
NSW3423-0002	FOOT PATROL	CHANGE OUT ANCHORS	GU	MOVE ANCHORS TOWARDS POLE	4/25/2001 1:52:35 PM
NSW3423-0004	FOOT PATROL	CLEAN SWITCH GRATE	GP		4/25/2001 1:52:35 PM
NSW3423-0007	FOOT PATROL	REPAIR WITH I-FOAM	WH		4/25/2001 1:52:35 PM
NSW3423-0007	FOOT PATROL	REPAIR WITH TOPPER	PT		4/25/2001 1:52:35 PM
NSW3423-0019	FOOT PATROL	VERIFY, POLE TEST	DP	SAWDUST IN POLE CRACK	4/25/2001 1:52:35 PM
NSW3423-0036	FOOT PATROL	VERIFY, POLE TEST	DP	POLE HAS BEEN SHOT, SEEMS MUSHY IN HOLE	4/25/2001 1:52:35 PM
NSW3423-0037	FOOT PATROL	REPAIR WITH I-FOAM	WH		4/25/2001 1:52:35 PM
NSW3423-0039	FOOT PATROL	REPLACE INSULATORS ON TANGENT	IN	MIDDLE PHASE	4/25/2001 1:52:35 PM
NSW3424-0055	Transmission Line Crew	Repair broken strand	DC	3/26/01 Crew reported top conductor has broken strand 1 W of armor rod. Crew applied repair rod	6/26/2001 11:51:48 AM
NSW3427-0105	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3427-0131	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0152		Repair jumper	DC	6/28/01 Chetek crew found jumper burned off on 4A22, repaired same day	6/29/2001 8:35:10 AM
NSW3427-0152	Ralph Melgard	Replace mechanical terminal pads with compression type	DH	Trans crew reported jumpers in mechanical pads	6/29/2001 8:35:10 AM
NSW3427-0163	Air Patrol	Repair pole top	PT	3/9/01 patrol found pole top rot	4/2/2001 11:52:16 AM
NSW3427-0265	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3427-0266	Helicopter Patrol	CHANGE OUT	DA	WIRE IS DEADENDED. TLC replace str, reused anchors	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3427-0267	Transmission Line Crew	Replace structure	DA	Engineer gave permission to move 267 80 inline. New dead-end str set	10/31/2001 2:39:17 PM
NSW3427-0323	Helicopter Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID		9/24/2001 10:50:50 AM
NSW3427-0334	Helicopter Patrol	REPAIR	GW	STATIC CONNECTION	9/24/2001 10:50:50 AM
NSW3427-0366	Helicopter Patrol	Change out cross-arm dead-end	DA	9/5/01 Mackie reported DA bolt with rotted wood surrounding it on end of XA	9/11/2001 4:43:08 PM
NSW3427-0393	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0397	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0401	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3427-0421	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0431	Helicopter Patrol	REPLACE INSULATION	IN	IDLER STRING	9/24/2001 10:50:50 AM
NSW3427-0431	System Operator	RESET POLE	DP	THIS WAS A FALSE REPORT	6/13/2001 2:00:58 PM
NSW3427-0432	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0433	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0452	Transmission Line Crew	Replace dead-end structure	SR	BOTH POLES HAVE ROTTEN TOPS, DOWN AT LEAST 2 WITH 1 SHELL REMAINING, WITH NUMEROUS CRACKS SO NOT CONDUCIVE TO FILLING WITH	11/2/2001 11:54:21 AM
NSW3427-0453	Transmission Line Crew	Replace dead-end structure	SR	ROTTON TOP IS 30 DOWN WITH 1 OF SHELL REMAINING. OTHER POLE HAS A HOLE 6 X 4 BY THE ARM. THIS IS A DEADEND STRUCTURE. CREW INSTALLED POLE TOPPERS TO BUY SOME TIME.	11/2/2001 11:54:21 AM
NSW3427-0460	Chetek Crew	Repair damaged Z arm members	DA	Chetek crew responded to str damaged and repair middle, bottom and brace.	9/4/2001 10:36:05 AM
NSW3427-0463	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3427-0488	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3427-0492	Air Patrol	Idler string broken	IN		10/25/2001 8:35:10 AM
NSW3427-0492	System Operator	RESET POLE	DP	THIS WAS A FALSE REPORT	6/13/2001 2:05:32 PM
NSW3427-0498	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0514	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 24 - 36"	9/24/2001 10:50:50 AM
NSW3427-0545	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3427-0559	Helicopter Patrol	INSTALL SLEEVE ON DAMAGED CONDUCTOR	DC	BETWEEN 559 &560	9/24/2001 10:50:50 AM
NSW3427-0570	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0575	Helicopter Patrol	REPAIR WITH I-FOAM	WH	AGAIN	9/24/2001 10:50:50 AM
NSW3427-0581	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0587	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0592	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0597	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0602	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0610	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3427-0622	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3427-0623	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0624	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0637	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0642	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3427-0648	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0649	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3427-0685	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0692-A	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3427-0697	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		9/24/2001 10:50:50 AM
NSW3429-0028	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/16/2001 9:23:11 AM
NSW3429-0032	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/16/2001 9:23:11 AM
NSW3429-0033	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0034	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0045	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3429-0074	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0075	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0076	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0077	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0082	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0087	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0099	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3429-0102	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0103	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0104	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0121	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0127	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/16/2001 9:23:11 AM
NSW3429-0131	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0143	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0145	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0163	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0181	Helicopter Patrol	RESET POLE	LS	CROSSLINE 2'	10/16/2001 9:23:11 AM
NSW3429-0182	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0183	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0187	Air Patrol	Replace structure	LS	6/11/01 storm caused pole to lean over and twist within the steel stub. Mackie set new str.	6/18/2001 2:00:22 PM
NSW3429-0194	Tree Clearing Crew	Repair damaged conductor	DC	INSTALLED 12 OF WIRE AND 2 SLEEVES, ALSO INSTALLED 3 NEW GUYS WITH STRAINS.	6/26/2001 6:40:45 AM
NSW3429-0202	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/16/2001 9:23:11 AM
NSW3429-0204	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3429-0258	Helicopter Patrol	RESET POLE	LS	CROSSLINE 3'	10/16/2001 9:23:11 AM
NSW3430-0253		MONITOR	WH	SMALL HOLE	5/21/2001 3:13:56 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3431-0155	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3431-0203	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3431-0213	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3431-0222	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3431-0245	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3431-0260	Helicopter Patrol	REPLACE INSULATION	IN	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3431-0262	Helicopter Patrol	REPLACE INSULATION	IN	MIDDLE & BOTTOM PHASES	10/15/2001 1:58:50 PM
NSW3434-0025	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0041	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0103	Air Patrol	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID		10/25/2001 8:35:10 AM
NSW3434-0103	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0104	Air Patrol	1/01 Patrol	ID	Install antenna warning signs. 8/23/01 Crew reported outaged needed from 4L194 back to Marshland to install signs.	2/15/2001 11:57:17 AM
NSW3434-0128	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0129	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0130	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0156	Helicopter Patrol	CHANGE OUT	FI	BOTTOM PHASE	10/16/2001 9:23:11 AM
NSW3434-0156	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0157	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0158	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0159	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0160	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3434-0161	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0163	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0164	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0165	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0166	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0167	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0172	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0173	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0174	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0175	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3434-0175	Helicopter Patrol	REPLACE INSULATION	IN	BLACK SPOTS TOP PHASE	10/16/2001 9:23:11 AM
NSW3434-0180	Helicopter Patrol	REPLACE INSULATION	IN	CHIPPED POLYUMER	10/16/2001 9:23:11 AM
NSW3434-0200	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3435-0006	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bells, top phase	3/30/2001 10:40:35 AM
NSW3435-0016	Transmission Line Crew	Repair bird damage	WH	3/27/01 Patrol reported sm wpk hole	3/30/2001 10:40:35 AM
NSW3435-0018	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell	3/30/2001 10:40:35 AM
NSW3435-0020	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, bottom phase	3/30/2001 10:40:35 AM
NSW3435-0021	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, bottom phase	3/30/2001 10:40:35 AM
NSW3435-0022	Transmission Line Crew	Replace insulation	IN	REPLACED 8 INSULATORS	3/30/2001 10:40:35 AM
NSW3435-0025	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped bell, bottom phase	3/30/2001 10:40:35 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3435-0029	Transmission Line Crew	Change out pole	PT	REPLACED 55 POLE WITH MAINTENANCE POLE INSTALLED 2 GUYS	4/2/2001 4:39:05 PM
NSW3435-0030-3	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported chipped/flashed bell	3/30/2001 10:40:35 AM
NSW3435-0031	Transmission Line Crew	Replace insulation	IN	REPLACED 9 INSULATORS	3/30/2001 10:40:35 AM
NSW3435-0039	Transmission Line Crew	Replace insulation	IN	REPALCED 1 CAP AND PIN INSULATOR	3/30/2001 10:40:35 AM
NSW3435-0049	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	9/24/2001 10:50:50 AM
NSW3435-0054	Transmission Line Crew	Replace insulation	IN	3/27/01 Patrol reported flashed bell, bottom South	3/30/2001 10:40:35 AM
NSW3435-0056	Transmission Line Crew	Replace insulation	IN	REPALCED 4 INSULATORS	3/30/2001 10:40:35 AM
NSW3435-0058	Transmission Line Crew	Repair ground wire	GW	REPAIRED grd wire broke @ static	3/30/2001 10:40:35 AM
NSW3435-0069	Transmission Line Crew	Repair ground wire	GW	REPAIRED grd wire broke @ static	3/30/2001 10:40:35 AM
NSW3435-0114	Transmission Line Crew	Replace insulation	IN	3/28/01 Patrol reported chipped bell, center phase	3/30/2001 10:40:35 AM
NSW3435-0122	Transmission Line Crew	Replace insulation	IN	3/28/01 Patrol reported broken bell, top xa	3/30/2001 10:40:35 AM
NSW3435-0125	Transmission Line Crew	Replace insulation	IN	3/28/01 Patrol reported flashed bell, center phase, bottom bell	3/30/2001 10:40:35 AM
NSW3435-0140-A	Transmission Line Crew	Repair bird damage	WH	3/28/01 Patrol reported 3 wpk hole	3/30/2001 10:40:35 AM
NSW3437-0100	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3438-0002	FOOT PATROL	MONITOR	WH	SMALL HOLE	5/21/2001 3:15:29 PM
NSW3438-0004	FOOT PATROL	MONITOR	LS	10" CROSSLINE	5/21/2001 3:15:29 PM
NSW3438-0021	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE, HOLES ARE BELOW UNDERBUILD	5/21/2001 3:15:29 PM
NSW3438-0022	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE	5/21/2001 3:15:29 PM
NSW3438-0022	FOOT PATROL	MONITOR	LS	CROSSLINE 12" TO 18"	5/21/2001 3:15:29 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3438-0023	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE	5/21/2001 3:15:29 PM
NSW3438-0026	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE	5/21/2001 3:15:29 PM
NSW3438-0027	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE	5/21/2001 3:15:29 PM
NSW3438-0028	FOOT PATROL	REPAIR WITH I-FOAM	WH	POSSIBLE SCREEN POLE	5/21/2001 3:15:29 PM
NSW3438-0032	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3438-0049	Helicopter Patrol	RESET POLE	LS	CROSSLINE 36 - 48"	9/24/2001 10:50:50 AM
NSW3438-0114		REPLACE INSULATION	FI	CENTER PHASE	11/5/2001 9:16:53 AM
NSW3438-0119	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3438-0131	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3438-0136	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	9/24/2001 10:50:50 AM
NSW3438-0159	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3438-0160	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3438-0161	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3438-0162		INSTALL LINE NUMBER	ID	TLC install 3438 on steel tower	11/6/2001 8:06:23 AM
NSW3438-0163	Transmission Line Crew	Install antenna warning signs	ID	TLC installed signs @ str s 159 & 166. Crew also install line ID number	11/6/2001 8:01:11 AM
NSW3438-0163	Transmission Line Crew	Dead-end shield wire	FC	Completed with dampers installed	11/6/2001 8:01:11 AM
NSW3438-0204	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3438-0208	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3438-0213	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3438-0219	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18 - 24"	9/24/2001 10:50:50 AM
NSW3439-0004	FOOT PATROL	MONITOR	DP	OLD BOLT HOLE BY STATIC STARTING TO DECAY	5/29/2001 2:38:28 PM
NSW3439-0005	FOOT PATROL	INSTALL POLE TOPPER	DP	POLE DAMAGED DOWN TO BAND.	5/29/2001 2:38:28 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3439-0005	FOOT PATROL	REPLACE INSULATION	IN	BOTTOM PHASE	5/29/2001 2:38:28 PM
NSW3439-0007	FOOT PATROL	REPAIR GROUND WIRE	GW	MISSING FROM CANDLESTICKS TO SHIELD	5/29/2001 2:38:28 PM
NSW3439-0055	FOOT PATROL	REPAIR WITH I-FOAM	WH	BY STATIC	5/29/2001 2:38:28 PM
NSW3440-0003	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	9/24/2001 10:50:50 AM
NSW3440-0005	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3440-0027	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	9/24/2001 10:50:50 AM
NSW3440-0032		REPLACE BULBS FOR TWO SINGLE OB AT TOP	LR	2001 Maintenance: Two Obstruction Bulbs 116A21/T	4/30/2001 2:13:33 PM
NSW3440-0033		REPLACE BULBS FOR TWO SINGLE OB AT TOP	LR	2001 Maintenance: Two Obstruction Bulbs 116A21/T	4/30/2001 2:13:33 PM
NSW3441-0177	Rice Lake Troubleman	Verify if pole needs to be replace or fill hole.	WH	11/12/01 Steve Holt reported large cavity above screened area, 4 below conductor	11/12/2001 1:25:14 PM
NSW3441-0223	Air Patrol	REPAIR BROKEN GROUND WIRE NEAR STATIC	GW	BROKEN POLE GROUND POLE TOP	1/24/2001 3:42:34 PM
NSW3443-0055	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3443-0069		VERIFY DAMAGE	PF	AP reports pole charred	3/9/2001 1:06:14 PM
NSW3443-0069	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3443-0091	Helicopter Patrol	REPLACE INSULATION	IN	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3443-0124	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3443-0224	Air Patrol	Replce broken bells	IN		10/25/2001 8:48:15 AM
NSW3445-0085		REPLACE INSULATION	FI		10/8/2001 10:32:14 AM
NSW3447-0095	Transmission Line Crew	Install new anchoring out of Chippewa River channel	AP	7/30/01 Haffenbredl reported center anchor letting go. Anchors in river bank exposed from eddy currents. Install 3 overhead poles, anchors and down guys.	7/30/2001 3:55:11 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3447-0103	Transmission Line Crew	Replace TC 0301(K) 70/3 with Go Track	DP	8/1/01 Haffenbredl reported carpenter ants working above grade. 2" shell for several feet. Installed 65/2 (set 2 temp poles to hotstick cond out. Set pole in 42" x 10' culvert with rock)	8/2/2001 7:34:01 AM
NSW3449-0004	Helicopter Patrol	REPAIR/REPLACE	FD	ROTTEN PILING NE,SE	10/16/2001 9:23:11 AM
NSW3450-0034	NSP Transmission Inspector	7/9/00 Larry Roeder reported jumper terminals expanding due to water entry. Photos in file	DH	Jumper terminals need attention. 8/23/01 Crew reported all jumpers should be replaced.	1/10/2001 8:50:25 AM
NSW3450-0036		4L42 & 4L43 are pin & cap with 600A hot parts	SO	2 way GOAB switch needs upgrade	1/10/2001 8:53:47 AM
NSW3450-0045	Transmission Line Crew	Missing anchor on 3451 tap	DH	Install anchor and replace wood strains, add 25M guy wire (Soft Track required)	11/5/2001 4:38:09 PM
NSW3450-0045	Transmission Line Crew	INSTALL NEW	GG		11/19/2001 11:53:30 AM
NSW3450-0046	NSP Transmission Inspector	4L75 has pin & cap with 600A hot parts	SO	Triangular mounted GOAB switch needs upgrade	1/10/2001 8:53:47 AM
NSW3450-0047	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3450-0048	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3450-0055	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3450-0056	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3450-0058	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3451-0007		REPLACE BULBS FOR TWO SINGLE OB AT MID TOWER / ONE DBL BEACON AT TOP	LR	2001 Maintenance: Two Beacon Bulbs 620PS40/P & Two Obstruction Bulbs 116A21/T	4/30/2001 2:13:33 PM
NSW3454-0009-A	Osmose	Reinforce with Fiber Wrap	DP-RR	This pole was previously resotred. 2 shell at 26 , 4 shell at 54 . This pole can be restored with Fiber Wrap	6/26/2001 10:33:08 AM
NSW3454-0012	Osmose	Reinforce with Steel Truss	DP-RR	3" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	6/26/2001 10:36:31 AM
NSW3454-0012-A	Osmose	Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 56" Reinforced with (1) 1080x11	6/26/2001 10:36:31 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3454-0013	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0018	Osmose	Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	6/26/2001 10:36:31 AM
NSW3454-0019	Osmose	Repair Broken Ground Wire	GW	Broken Ground Wire	6/27/2001 8:26:45 AM
NSW3454-0022	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0024	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0024	Osmose	Reinforce with Steel Truss	DP-RR	2" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11	6/26/2001 10:36:31 AM
NSW3454-0024	Osmose	Repair with I-Foam	WH	8 LARGE HOLES	6/27/2001 8:36:32 AM
NSW3454-0025	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0025	Osmose	Reinforce with Steel Truss	DP-RR	3" shell at 26", 0" shell at 54" Reinforced with (1) 1080x11 truss	6/26/2001 10:36:31 AM
NSW3454-0025	Osmose	Repair with I-Foam	WH	8 LARGE HOLES	6/27/2001 8:36:32 AM
NSW3454-0026	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0026	Osmose	Repair with I-Foam	WH	3 MED HOLES	6/27/2001 8:36:32 AM
NSW3454-0027	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0029	Helicopter Patrol	RESET POLE	LS	CROSSLINE 2'	10/16/2001 9:23:11 AM
NSW3454-0077	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0078	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3454-0114	Tree Clearing Crew	REPAIR/REPLACE	BG		11/16/2001 9:44:43 AM
NSW3456-0013	Osmose	Change out 65/2 pole (maint pole) & transfer distribution (dist mats @ Abby for job)	DP	POLE BROKE OFF IN STORM 4-14-01 LOCAL CREW STUBBED POLE, 7/20/01 Roeder recommends hot sticking out str. Need culvert, pole near wet ditch.	5/15/2001 9:32:14 AM
NSW3463-0014	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	9/24/2001 10:50:50 AM
NSW3463-0018	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3463-0036	Helicopter Patrol	REPAIR WITH I-FOAM	WH		9/24/2001 10:50:50 AM
NSW3464-0016	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3464-0024	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3464-0047	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3464-0059	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3464-0060	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3464-0062	Transmission Inspector	Repair bird damage	WH	3/9/01 Roeder reported 1 lg hole below phases	11/13/2001 11:12:53 AM
NSW3464-0064	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3464-0066	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3464-0069	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3464-0070	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3465-0001		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ALL POLES ON THIS LINE ARE IN NEED OF POLE TOP REPAIR	10/8/2001 10:32:14 AM
NSW3465-0005	Helicopter Patrol	RESET POLE	LS	2'	10/16/2001 9:23:11 AM
NSW3465-0008	Helicopter Patrol	MONITOR CONDITION	LS	18"	10/16/2001 9:23:11 AM
NSW3465-0065		Verify str integrity before filling cavity	WH	4/10/01 Tollefson reported large hole 15 down from brace	4/24/2001 11:24:18 AM
NSW3465-0080	Helicopter Patrol	REPAIR WITH I-FOAM	WH		10/16/2001 9:23:11 AM
NSW3465-0088	Transmission Line Crew	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/5/2001 2:10:18 PM
NSW3465-0090	Transmission Line Crew	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/5/2001 2:10:18 PM
NSW3465-0103		Replace broken insulation	IN	REA crew reported top bell broken verified by R. Nelson	5/2/2001 12:40:00 PM
NSW3466-0037	Air Patrol	Repair loose x-brace bolt	DH	AP reported bolt loose on x-brace	3/13/2001 8:57:04 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3466-0091	Helicopter Patrol	REPLACE INSULATION	IN	NORTH PHASE	9/24/2001 10:50:50 AM
NSW3470-0014	Air Patrol	INSTALL SLEEVE ON DAMAGED CONDUCTOR	DC	Air Patrol reported shield wire unraveld @ str 14 - Check shield on tap to DPC Ashland. Note: new line, unit info available later.	12/18/2001 3:03:31 PM
NSW3470-0569	Transmission Inspector	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/23/2001 3:19:31 PM
NSW3470-0569	Transmission Inspector	Measure clearances	XX	4/19/01 Roeder reported clearance on North static guy to bottom phase will need to be 4 6 if upgraded to 161kV. Presently unsure which circuit will become 161kV.	4/23/2001 3:19:31 PM
NSW3470-0570	Transmission Inspector	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/23/2001 3:19:31 PM
NSW3471-0569-1	Transmission Inspector	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/23/2001 3:19:31 PM
NSW3471-0569-1A	Transmission Inspector	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/23/2001 3:19:31 PM
NSW3471-0569-1A	Transmission Inspector	Install pole topper	PT	4/19/01 Roeder reported 80 cut to 50 . Needs topper.	4/23/2001 3:19:31 PM
NSW3472-0006	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3472-0014	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	11/5/2001 1:33:21 PM
NSW3472-0018	Hooper	REPLACE INSULATIOM	FI	WEST & CENTER PHASES	11/5/2001 1:33:21 PM
NSW3472-0026	Hooper	REPLACE INSULATIOM	FI	ALL PHASES	11/5/2001 1:33:21 PM
NSW3472-0033	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	11/5/2001 1:33:21 PM
NSW3472-0035	Helicopter Patrol	REPAIR	GG	GUARD STUCK IN PREFORM	10/15/2001 1:58:50 PM
NSW3472-0061	Transmission Inspector	Replace 1/2 xa	DA	Roeder reports 1/2 xa split	3/21/2001 7:14:10 AM
NSW3472-0061	Transmission Inspector	Replace xa	DA	Roeder reports xa damaged	3/21/2001 7:14:10 AM
NSW3472-0069	Helicopter Patrol	CHANGE OUT	DA	SPLIT AND BANDED	10/15/2001 1:58:50 PM
NSW3472-0075	Transmission Inspector	REPAIR	ST	HPR INSTALLED SPLIT BOLT / TOPPER ON BOTH POLES	11/2/2001 3:14:32 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3472-0075	Transmission Inspector	Replace flashed bells	FI	HPR replaced E string, 5 bells	11/2/2001 3:14:32 PM
NSW3472-0075	Transmission Inspector	Replace rotten xa's	DA	HPR installed single xa	11/2/2001 3:14:32 PM
NSW3472-0076	Transmission Inspector	REPAIR	ST	HPR INSTALLED SPLIT BOLT / TOPPER ON L POLE	11/2/2001 3:14:32 PM
NSW3472-0076	Transmission Inspector	Replace flashed bells	FI	HPR replaced bell on E string	11/2/2001 3:14:32 PM
NSW3472-0110	Hooper	INSTALL AERIAL NUMBER	ID		11/5/2001 1:33:21 PM
NSW3472-0110	Transmission Inspector	Replace split crossarm	DA	Roeder reports xa split	3/21/2001 7:14:10 AM
NSW3472-0111	Transmission Inspector	Replace insulation	IN	Roeder reports bells broken on C & E phases	3/21/2001 7:14:10 AM
NSW3472-0122	Transmission Inspector	Repair holes	WH	Roeder reports wpk damage	3/21/2001 7:14:10 AM
NSW3472-0126	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 3 LBS.	11/5/2001 1:33:21 PM
NSW3472-0127	Helicopter Patrol	REPAIR WITH I-FOAM	FI	4 HOLES 6 LBS.	10/15/2001 1:58:50 PM
NSW3472-0133	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	11/5/2001 1:33:21 PM
NSW3472-0133	Transmission Inspector	CHANGE OUT	DA	Roeder found 1/2 crossarm bad on both ends. Replace 1/2.	8/6/2001 8:23:49 AM
NSW3472-0136	Helicopter Patrol	CHANGE OUT	FD	BOG SHOE ROTTEN	10/15/2001 1:58:50 PM
NSW3472-0137	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3472-0141	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3472-0143	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3472-0158	Transmission Line Crew	REPAIR WITH POLE TOPPER	PT	REPAIRED BOTH POLES	6/4/2001 1:17:53 PM
NSW3472-0158	Transmission Line Crew	CHANGE OUT INSULATION	IN	REPLACED 5 FLASHED INSULATORS	6/4/2001 1:17:53 PM
NSW3472-0161	Transmission Line Crew	CHANGE OUT INSULATION	IN	REPLACED 6 DEADEND INSULATORS AND 5 SWITCH POST INSULATORS	6/4/2001 1:17:53 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3472-0161	Transmission Line Crew	REPAIR WITH POLE TOPPER	PT	REPAIRED BOTH POLES	6/4/2001 1:17:53 PM
NSW3472-0163	Hooper	REPAIR WITH I-FOAM	WH	1 HOLE 15 LBS.	11/5/2001 1:33:21 PM
NSW3472-0168	Transmission Inspector	Change out pole	DP	Roeder reports left pole, South, rotten, needs wpk wire - make field judgement if pole needs to be replaced	3/21/2001 7:14:10 AM
NSW3472-0185	Helicopter Patrol	REPLACE INSULATION	FI	SOUTH PHASE	10/15/2001 1:58:50 PM
NSW3472-0187	Transmission Inspector	Replace insulation	FI	Roeder reports bells flash on S phase, angle str	3/21/2001 7:14:10 AM
NSW3472-0189	Hooper	REPLACE INSULATIOM	IN	SOUTH PHASE	11/5/2001 1:33:21 PM
NSW3472-0190	Helicopter Patrol	CHANGE OUT	DA	ROTTING	10/15/2001 1:58:50 PM
NSW3472-0195	Hooper	REPLACE INSULATIOM	IN	NORTH & SOUTH PHASES	11/5/2001 1:33:21 PM
NSW3472-0197	Helicopter Patrol	CHANGE OUT	DA	ROTTING	10/15/2001 1:58:50 PM
NSW3472-0200	Hooper	REPLACE INSULATIOM	IN	ALL PHASES	11/5/2001 1:33:21 PM
NSW3472-0209	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 3 LBS.	11/5/2001 1:33:21 PM
NSW3472-0210	Transmission Inspector	Replace split crossarm	DA	Roeder reports xa split & sagging	3/21/2001 7:14:10 AM
NSW3472-0213	Helicopter Patrol	REPLACE INSULATION	FI	NORTH PHASE	10/15/2001 1:58:50 PM
NSW3472-0214	Helicopter Patrol	TIGHTEN GUY WIRE	GU	AGAIN	10/15/2001 1:58:50 PM
NSW3472-0255	Hooper	REPLACE INSULATIOM	IN	BOTH OUTSIDE PHASES	11/5/2001 1:33:21 PM
NSW3472-0259	Helicopter Patrol	REPLACE INSULATION	IN	EAST PHASE	10/15/2001 1:58:50 PM
NSW3472-0265	Helicopter Patrol	REMOVE	FO	BIRD NEST	10/15/2001 1:58:50 PM
NSW3472-0265	Transmission Inspector	Change out bells	IN	Roeder reports bell broken on C phase - wet location, cranberry farm area. 75' from road	3/21/2001 7:14:10 AM
NSW3472-0268	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3472-0271	Hooper	REPLACE INSULATIOM	IN	BOTH OUTSIDE PHASES	11/5/2001 1:33:21 PM
NSW3472-0271	Transmission Inspector	Replace split crossarm	DA	Roeder reports xa split	3/21/2001 7:14:10 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3472-0272	Helicopter Patrol	CHANGE OUT	DA	EAST ARM	10/15/2001 1:58:50 PM
NSW3472-0274	Helicopter Patrol	REPLACE INSULATION	FI	BOTTOM PHASE	10/15/2001 1:58:50 PM
NSW3472-0276	Transmission Inspector	Install new GG	GG	Roeder reports guy guard missing	3/21/2001 7:14:10 AM
NSW3472-0285	Helicopter Patrol	MONITOR CONDITION	DA	SPLITTING	10/15/2001 1:58:50 PM
NSW3472-0294	Transmission Inspector	Replace bells	IN	Roeder reports broken insulators on W phase	3/21/2001 7:14:10 AM
NSW3472-0299	Transmission Inspector	Remove	ID	Roeder reports old aerial # 20 on str 299, remove	3/21/2001 7:14:10 AM
NSW3472-0299	Transmission Inspector	Install	ID	Roeder reports aerial # 300 needs to be installed	3/21/2001 7:14:10 AM
NSW3472-0302-1	Transmission Inspector	REPLACE REACH ROD	DH	3/8/01 Roeder reported sw s 4R135 & 4R136 have aluminum reach rod.	7/24/2001 9:54:10 AM
NSW3474-0039	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3474-0041	Air Patrol	Repair xa	DA	3/9/01 patrol found splintered xa; Zillmer reported xa ok	4/2/2001 11:52:16 AM
NSW3474-0042	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18"	10/15/2001 1:58:50 PM
NSW3474-0047	Helicopter Patrol	REPLACE INSULATION	FI	MIDDLE PHASE	10/15/2001 1:58:50 PM
NSW3474-0050	Helicopter Patrol	CHANGE OUT	DA	SPLIT	10/15/2001 1:58:50 PM
NSW3474-0074	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18"	10/15/2001 1:58:50 PM
NSW3474-0085	Transmission Line Crew	REPAIR WITH I-FOAM	WH	FILLED HOLES INSTALLED CLOTH	11/5/2001 11:18:39 AM
NSW3474-0094	Helicopter Patrol	CHANGE OUT	DA	ROTTEN	10/15/2001 1:58:50 PM
NSW3474-0097		MONITOR	LS	LEANING STR	10/16/2001 9:10:06 AM
NSW3474-0097	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 18"	10/15/2001 1:58:50 PM
NSW3474-0101	Helicopter Patrol	CHANGE OUT	DA	ROTTEN	10/15/2001 1:58:50 PM
NSW3474-0114	Helicopter Patrol	REPLACE INSULATION	IN	NORTH & WEST PHASES	10/15/2001 1:58:50 PM
NSW3474-0115	Helicopter Patrol	REPLACE INSULATION	IN	MIDDLE & SOUTH PHASES	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3474-0122	Helicopter Patrol	CHANGE OUT	DB	SPL;IT	10/15/2001 1:58:50 PM
NSW3474-0122	Transmission Line Crew	REPAIR WITH I-FOAM	WH	FILLED HOLE 24 LBS. INSTALLED WIRE	11/5/2001 11:09:34 AM
NSW3476-0006	Transmission Line Crew	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		11/5/2001 12:44:01 PM
NSW3476-0021	Helicopter Patrol	CHANGE OUT	DA	SPLIT SOUTH ARM WEST SIDE	10/16/2001 9:23:11 AM
NSW3476-0043	Transmission Inspector	Replace pole	DP-NR-P	3/01, Roeder reported pole hollow 15 above trusses. Replace pole	3/22/2001 4:31:03 PM
NSW3476-0046	Transmission Inspector	Replace pole	DP-NR-P	3/01, Roeder reported left pole rotten between x-braces above trusses. Replace pole	3/22/2001 4:31:03 PM
NSW3477-0040	Air Patrol	Straighten str	LS	AP reported 1/9/01 pole is leaning!	3/9/2001 11:14:29 AM
NSW3477-0056	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0057	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0100	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0101	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0157	Helicopter Patrol	REPLACE INSULATION	FI	EAST PHASE	10/15/2001 1:58:50 PM
NSW3477-0177	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0178	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0179	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0189	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING - Tie top; reclipped & tighten hrdw	10/15/2001 1:58:50 PM
NSW3477-0189	Helicopter Patrol	RESTAPLE GROUND WIRE	GW	restapled grd wire	10/15/2001 1:58:50 PM
NSW3477-0226	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0240	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING with pole lean 18" inline, not crooked in ground. Reclipped str & tighten hrdw	10/15/2001 1:58:50 PM
NSW3477-0247	Air Patrol	Remove arrester	DH	AP reported damaged protector: TLC removed device	3/9/2001 11:14:29 AM
NSW3477-0249	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3477-0283	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0284	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0290	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0304	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0305	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0309	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING; 2/19/02 Roeder reported possible XA replacement - tie top. Reclipped str & tighten hrdw. XA ok	10/15/2001 1:58:50 PM
NSW3477-0311	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0312	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0322	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0342	Helicopter Patrol	RECLIP/RETIE	DH	LOOSE TIE WIRE TOP PHASE; 2/19/02 Roeder reported possible flashed post, slight angle. Reclipped top ph	10/15/2001 1:58:50 PM
NSW3477-0350	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING. Reclipped str, tighten hrdw & replaced flashed post	10/15/2001 1:58:50 PM
NSW3477-0359	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0360	Helicopter Patrol	MONITOR CONDITION	LS	CROSSLINE 2'	10/15/2001 1:58:50 PM
NSW3477-0391	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING: 2/19/02 Roeder reported possible XA replacement, rot on N face. Reclipped str & tighten hrdw. XA is ok	10/15/2001 1:58:50 PM
NSW3477-0397	Helicopter Patrol	RECLIP/RETIE	DH	LOOSE TIE WIRE TOP PHASE: 2/19/02 Roeder reported buttons all intact. Will hold until pole replcement.	10/15/2001 1:58:50 PM
NSW3477-0401	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING; install new xa & 3 posts	10/15/2001 1:58:50 PM
NSW3477-0403	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING. Reclipped str & tighten hrdw	10/15/2001 1:58:50 PM
NSW3477-0423	Helicopter Patrol	RECLIP/RETIE	DH	ARM TWISTING. Straighted xa & retied	10/15/2001 1:58:50 PM
NSW3477-0441-A	Helicopter Patrol	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/15/2001 1:58:50 PM
NSW3483-0022	Transmission Inspector	Treeing off insulator base	DP	Roeder reported bottom post has treeing off top right corner - opposite candle stick	5/17/2001 2:43:47 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3484-0002	FOOT PATROL	CAUTION!!! Pin out North circuit, bottom phase East side. Replace 6 flashed insulators & change out clevises to short Y-ball clevis. Use 25,000 lb bells	FI	TOP PHASE EAST SIDE (RIVER) SOUTH CIRCUIT: TLC replace clevis ball's wit Y-ball clevis's, replace bent damper; installed grd rods & bonded tower legs 2/18/02. Also replace missing bolts & tightend loose bolts. (NW 75 ohms, NE 60, SE 49, SW 40)	5/17/2001 10:26:06 AM
NSW3484-0003	FOOT PATROL	S Circuit: T ph W DE, 5 flashed & 1 broke; M ph E DE, 4 flashed & 1 broke; B ph W DE, remove shoot-on / install 4/0 space, loop sleeve & wire in jumper; N Circuit: T ph W DE, 3 flashed & 1 broke; M ph West DE, 6 flashed; B ph W DE, 2 flashed - 25G bells	IN	TLC replaced 30 DE bells, replace DE body on river xing side & installed new jumper with paddle & loop sleeve; 2/18/02 installed ground rods & bonded tower legs, (NW leg 760 ohms, NE 620, SE 680, SW 570)	5/17/2001 10:26:06 AM
NSW3484-0004	FOOT PATROL	N circuit B ph E DE, 1 chipped bell (1st bell on cold end)	IN	BOTTOM PHASE NORTH SIDE; TLC replaced 5 broken bells	5/17/2001 10:26:06 AM
NSW3484-0011	FOOT PATROL	RECLIP	DH	ALL PHASES; TLC reclipped all & replaced 1 flashed pin ins & replaced 1 burned armor rod.	5/17/2001 10:26:06 AM
NSW3484-0011	FOOT PATROL	Grd wire missing from ridge iron to bottom XA	GW	TLC replace 25' of grd wire.	5/17/2001 10:26:06 AM
NSW3484-0011	FOOT PATROL	INSTALL POLE NUMBER	ID	Roeder reported str number on West side of str.	5/17/2001 10:26:06 AM
NSW3484-0012	FOOT PATROL	W circuit, B ph, 3rd from cold end chipped bell; E circuit, B ph, 1st from cold end chipped	IN	BOTH BOTTOM PHASES; TLC replace 5 bells.	5/17/2001 10:26:06 AM
NSW3484-0017	FOOT PATROL	CHANGE OUT	DA	MIDDLE ARM	5/17/2001 10:26:06 AM
NSW3484-0029	FOOT PATROL	Reclip top & bottom phases & tighten arm bolts	DH	TOP PHASES; TLC reclipped str.	5/17/2001 10:26:06 AM
NSW3484-0030	FOOT PATROL	Reclip & tighten arm bolts	DH	TOP PHASES; TLC reclipped str.	5/17/2001 10:26:06 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3484-0031	FOOT PATROL	VERIFY in 2007, see comments.	DP	ANTS AT GROUNDLINE; 1/29/02 Roeder reported after test bore & sounding he could not detect any hollow. Pole ok for 5 years. Ants working in just in crack.	5/17/2001 10:26:06 AM
NSW3484-0036	FOOT PATROL	RECLIP	DH	TOP PHASES; TLC reclipped str.	5/17/2001 10:26:06 AM
NSW3484-0037	FOOT PATROL	1/29/02 Roeder reported pole hollow, replace str.	WH	TLC replace str with new horz post type, center posts on brackets.	5/17/2001 10:26:06 AM
NSW3484-0046	FOOT PATROL	VERIFY	PF	POSSIBLE REPAIR WITH I-FOAM / BURN LOCATED BY BOTTOM ARM	5/17/2001 10:26:06 AM
NSW3484-0050	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/17/2001 10:26:06 AM
NSW3484-0053	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/17/2001 10:26:06 AM
NSW3484-0055	FOOT PATROL	CHANGE OUT	DA	TOP ARM	5/17/2001 10:26:06 AM
NSW3484-0056	FOOT PATROL	MONITOR	DA	SMALL CRACK TOP ARM	5/17/2001 10:26:06 AM
NSW3484-0059	FOOT PATROL	CHANGE OUT	DA	BY THROUGH BOLT	5/17/2001 10:26:06 AM
NSW3484-0065	FOOT PATROL	REPLACE INSULATION	FI	Top W ph center replaced 6 bells.	5/17/2001 10:26:06 AM
NSW3484-0065	FOOT PATROL	REPLACE ARM	DA	STATIC ARM; TLC replaced 14' dbl static XA. Note: static DE's from N as 5/16". South as 3/8"	5/17/2001 10:26:06 AM
NSW3484-0067	FOOT PATROL	MONITOR	LS	CROSSLINE 12"	5/17/2001 10:26:06 AM
NSW3484-0071	FOOT PATROL	REPAIR DAMPER	VD	DAMPER SLIPPING TOWARDS RIVER; TLC repositioned damper to proper location.	5/21/2001 2:32:24 PM
NSW3484-0071	FOOT PATROL	TIGHTEN GUYS	GU	BOTTOM GUYS: TLC re-pulled 6 guys.	5/21/2001 2:32:24 PM
NSW3484-0078	FOOT PATROL	REPALCE INSULATION ON ANGLE	IN	SOUTH POLE-TOP AND MIDDLE PHASES SOME BROKEN SOME BENT	5/21/2001 2:32:24 PM
NSW3484-0080	FOOT PATROL	REPALCE INSULATION ON TANGENT	IN	TOP EAST PHASE	5/21/2001 2:32:24 PM
NSW3484-0083		MONITOR	WH	SMALL HOLE	5/21/2001 3:04:53 PM
NSW3484-0083	FOOT PATROL	MONITOR	WH	MINOR WOODPECKER HOLE	5/21/2001 2:32:24 PM
NSW3484-0086	FOOT PATROL	VERIFY	PF	POLE BURN BY BOTTOM ARM	5/21/2001 2:32:24 PM
NSW3484-0086	FOOT PATROL	INSTALL STRUCTURE NUMBER	ID	ID MISSING	5/21/2001 2:32:24 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3484-0090	FOOT PATROL	Replace only if XA will not last 3 years - Hwy 53 Bypass	DA	TOP ARM IS CRACKED; TLC replace top/bottom XA's & one flashed insulator	5/21/2001 2:32:24 PM
NSW3484-0091	FOOT PATROL	Install anchors to stabilize structure until str removed for 53 Bypass	WO	GROUND IS ERODING 4 DOWN - 1 TO 1 1/2 OF DIRT ON SIDE OF POLE REMAINING; TLC added side guys to stabilize str	5/21/2001 2:32:24 PM
NSW3484-0092	FOOT PATROL	Replace only if XA will not last 3 years - Hwy 53 Bypass	DA	TOP ARM IS CRACKED; TLC reported XA will last 3 years until impacted by 53 bypass. Replace one flashed	5/21/2001 2:32:24 PM
NSW3484-0092	FOOT PATROL	INSTALL STRUCTURE NUMBER	ID	ID MISSING	5/21/2001 2:32:24 PM
NSW3485-0006	FOOT PATROL	Install johney balls in phase down guys & replace static down guy & redo ground connection - 16M directly to grd rod &rd rod.	DH	SAFETY ISSUE; replace down guys with johney ball's in cond guys & grounded static guy at both ends.	5/9/2001 10:52:24 AM
NSW3485-0007	FOOT PATROL	Re-dead end shield to pole.	GW	GROUNDING CLAMP IS MISSING AT POLE BASE; regrounded pole	5/9/2001 10:52:24 AM
NSW3485-0007	FOOT PATROL	NEEDS PAINTING	SS		5/9/2001 10:52:24 AM
NSW3485-0010	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0010	Helicopter Patrol	REPLACE INSULATION	FI	TOP PHASE	10/15/2001 1:58:50 PM
NSW3485-0019	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0019	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE	5/9/2001 10:52:24 AM
NSW3485-0019	FOOT PATROL	REPAIR	GW	LOOSE GROUND WIRE	5/9/2001 10:52:24 AM
NSW3485-0020	FOOT PATROL	REPAIR	GW	LOOSE GROUND WIRE	5/9/2001 10:52:24 AM
NSW3485-0020	FOOT PATROL	RESET POLE	LS	LEANING CROSSLINE 18" - 24"	5/9/2001 10:52:24 AM
NSW3485-0022	FOOT PATROL	VERIFY CONDITION	FO	INSULATORS SHOW CONTAMINATION, BLACK LINES BOTTOM PHASE	5/9/2001 10:52:24 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3485-0026	Eau Claire Troubleman	Replace existing posts with 88kV horizontal posts	FI	6/24/01 - Trouble reported flashed posts. 6/25, Roeder reported Top & Bottom posts flashed. May need to replace armor rod if burned bad. Pete Ring replace T & B posts, rod/conductor ok	6/26/2001 7:01:50 AM
NSW3485-0027	Eau Claire Troubleman	Replace existing posts with 88kV horizontal posts	FI	6/24/01 - Trouble reported flashed posts. 6/25, Roeder reported Top & Middle posts flashed. Str has candle sticks and 69kV posts. Pete Ring replace all posts, armor rod/ conductor ok	6/26/2001 7:01:50 AM
NSW3485-0027	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION, replace under 20011273	5/9/2001 10:52:24 AM
NSW3485-0027	FOOT PATROL	REPLACE INSULATION	FI	TOP PHASE, replace under 20011273	5/9/2001 10:52:24 AM
NSW3485-0028	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0029	FOOT PATROL	REPAIR WITH I-FOAM	WH	1 SMALL HOLE	5/9/2001 10:52:24 AM
NSW3485-0031	FOOT PATROL	REPLACE INSULATION	FI	BOTTOM PHASE	5/9/2001 10:52:24 AM
NSW3485-0037	FOOT PATROL	REPLACE INSULATION	FI	MIDDLE PHASE	5/9/2001 10:52:24 AM
NSW3485-0040	FOOT PATROL	RESET POLE	LS	LEANING CROSSLINE 24" - 30"	5/9/2001 10:52:24 AM
NSW3485-0042	FOOT PATROL	REPLACE INSULATION	FI	MIDDLE PHASE	5/9/2001 10:52:24 AM
NSW3485-0042	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0044	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0045	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 10" - 18"	5/9/2001 10:52:24 AM
NSW3485-0046	FOOT PATROL	INSTALL STRUCTURE NUMBER	ID		5/9/2001 10:52:24 AM
NSW3485-0046	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0047	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0047	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0048		MONITOR	LS	CONTAMINATED	5/9/2001 3:49:33 PM
NSW3485-0048		REPLACE INSULATION	FI	DUPLICATE RECORD	5/9/2001 3:52:45 PM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3485-0048	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 10" - 18"	5/9/2001 10:52:24 AM
NSW3485-0048	FOOT PATROL	REPLACE INSULATION	FI	MIDDLE PHASE	5/9/2001 3:49:33 PM
NSW3485-0049	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0049	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 12" - 18"	5/9/2001 10:52:24 AM
NSW3485-0049	FOOT PATROL	REPLACE INSULATION	FI	MIDDLE PHASE	5/9/2001 10:52:24 AM
NSW3485-0050	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 12" - 18"	5/9/2001 10:52:24 AM
NSW3485-0050	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0051	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 12" - 18"	5/9/2001 10:52:24 AM
NSW3485-0051	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0051	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0051	FOOT PATROL	Repair	GW	Broken grd wire at grd line. 2/11/02 Roeder reported single phase transformer sharing transmission pole ground.	5/9/2001 10:52:24 AM
NSW3485-0052	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 12" - 18"	5/9/2001 10:52:24 AM
NSW3485-0054	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	10/15/2001 1:58:50 PM
NSW3485-0055	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0057	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0057	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 10" - 18"	5/9/2001 10:52:24 AM
NSW3485-0058	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION; str replaced	5/9/2001 10:52:24 AM
NSW3485-0058	FOOT PATROL	RESET POLE	LS	LEANING CROSSLINE 18" - 24"; str replaced	5/9/2001 10:52:24 AM
NSW3485-0058	FOOT PATROL	REPAIR	GW	LOOSE GROUND WIRE; str replaced	5/9/2001 10:52:24 AM
NSW3485-0058	FOOT PATROL	Move str 58 East in line 5 to 10' (Clamp top AGS)	DP	HIT BY PLOW? 3'H X 18"W X2-3" DEEP; str replaced & moved 10' East of existing. Used 88kV posts	5/9/2001 10:52:24 AM
NSW3485-0058	Helicopter Patrol	REPLACE INSULATION	FI	TOP & MIDDLE PHASES; str replaced	10/15/2001 1:58:50 PM
NSW3485-0060	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3485-0060	Helicopter Patrol	REPLACE INSULATION	FI	ALL PHASES	10/15/2001 1:58:50 PM
NSW3485-0061	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0062	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0063	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0064	FOOT PATROL	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	5/9/2001 10:52:24 AM
NSW3485-0064	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0065	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0065	FOOT PATROL	REPLACE INSULATION	FI	MIDDLE PHASE	5/9/2001 10:52:24 AM
NSW3485-0066	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0066	Helicopter Patrol	REPLACE INSULATION	FI	TOP & BOTTOM PHASES	10/15/2001 1:58:50 PM
NSW3485-0067	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0068	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0068	FOOT PATROL	REPLACE INSULATION	FI	TOP PHASE	5/9/2001 10:52:24 AM
NSW3485-0069	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CANTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0069	FOOT PATROL	MONITOR CONDITION	LS	LEANING CROSSLINE 10" - 18"	5/9/2001 10:52:24 AM
NSW3485-0070	FOOT PATROL	MONITOR CONDITION	DC	ALL JUMPERS AND CENTER PHASE DEAD END BODY TO NORTH ARE BLACK	5/9/2001 10:52:24 AM
NSW3485-0070	FOOT PATROL	INSTALL ANCHORS	PS	GUY EYES ARE BURIED	5/9/2001 10:52:24 AM
NSW3485-0071	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0072	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0073	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0073	FOOT PATROL	REPLACE INSULATION	FI	CENTER PHASE	5/9/2001 10:52:24 AM
NSW3485-0074	FOOT PATROL	REPLACE INSULATION	FI	CENTER PHASE	5/9/2001 10:52:24 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3485-0074	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0075	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0075	FOOT PATROL	REPLACE INSULATION	FI	CENTER PHASE	5/9/2001 10:52:24 AM
NSW3485-0076	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/9/2001 10:52:24 AM
NSW3485-0076	FOOT PATROL	REMOVE OLD ANCHORS	RW	NORTH SIDE OF STR.	5/9/2001 10:52:24 AM
NSW3485-0077	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/9/2001 10:52:24 AM
NSW3485-0077	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0078	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0078	FOOT PATROL	REPAIR WITH I-FOAM	WH	ALSO SCREEN POLE	5/9/2001 10:52:24 AM
NSW3485-0079	FOOT PATROL	MONITOR	WH	VERY SMALL HOLE	5/9/2001 10:52:24 AM
NSW3485-0079	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0080	FOOT PATROL	REPAIR WITH POLE TOPPER	PT		5/9/2001 10:52:24 AM
NSW3485-0085	FOOT PATROL	REPAIR WITH I-FOAM	WH		5/9/2001 10:52:24 AM
NSW3485-0086	FOOT PATROL	MONITOR	WH	BELOW DIST. VERY SMALL	5/9/2001 10:52:24 AM
NSW3485-0086	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0087	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0089	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0089	FOOT PATROL	INSTALL ANTENNA SIGNS	ID	1/4 MILE EACH SIDE OF STRUCTURE (ANTENNA LOCATED BETWEEN STRS 89-90) 2/11/02 Roeder reported 3 ph underbuild. 65' bucket would be very helpful; signs @ 87 & 91	5/9/2001 10:52:24 AM
NSW3485-0090	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0091	FOOT PATROL	MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION	5/9/2001 10:52:24 AM
NSW3485-0091	FOOT PATROL	TIGHTEN GUY	GU	BOTTOM GUY	5/9/2001 10:52:24 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3485-0098	FOOT PATROL	Clean sw grate, replace bent aluminum reach rods & install compression spades.	GP	Sw grates grown over; cleaned & replaced bent reach rods, installed comp pads & adjusted sw's 4E154 & 4E155	5/9/2001 10:52:24 AM
NSW3488-0014	Transmission Inspector	Snap down armor rod	DH	5/13/99 Roeder reported armor rod on bottom phase loose	7/27/2001 11:28:36 AM
NSW3488-0018	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3488-0019	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Numerious holes; 42lbs	7/27/2001 11:28:36 AM
NSW3488-0020	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3488-0021	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3488-0022	Transmission Inspector	Install I-Foam / Wire Cloth	WH	6/12/01 Roeder reported pole looks hollow; 22lbs	7/27/2001 11:28:36 AM
NSW3488-0023	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes; 14lbs	7/27/2001 11:28:36 AM
NSW3488-0024	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes; 36lbs	7/27/2001 11:28:36 AM
NSW3488-0025	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes 17lbs	7/27/2001 11:28:36 AM
NSW3488-0026	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody! Zillmer installed wire cloth also at 26-1 & 2; 3 lbs	7/27/2001 11:28:36 AM
NSW3488-0027	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Numerious holes 24lbs	7/27/2001 11:28:36 AM
NSW3488-0029	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes 3lbs	7/27/2001 11:28:36 AM
NSW3488-0030	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes 3lbs	7/27/2001 11:28:36 AM
NSW3488-0031	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes 15lbs	7/27/2001 11:28:36 AM
NSW3488-0032	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM

Equip No	Originator	Task	Prob Code:	Prob Comments	Date Assigned
NSW3488-0033	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3488-0033	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3488-0034	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody! 3lbs	7/27/2001 11:28:36 AM
NSW3488-0035	Transmission Inspector	Install I-Foam / Wire Cloth	WH	Holes 6lbs	7/27/2001 11:28:36 AM
NSW3488-0036	Transmission Inspector	Install Wire Cloth	WH	Potiential meal for Woody!	7/27/2001 11:28:36 AM
NSW3604-0707	Air Patrol	Monitor twisting structure	DP	9/11 AP reported str looks twisted	11/19/2001 7:15:59 AM
NSW3607-0203	Hooper		WH	1 HOLE - 2 LBS FILL	7/6/2001 2:01:11 PM
NSW3610-0167	Air Patrol	REPAIR	SO	AP reported insulator hanging off Glidden Switch, str 168	3/9/2001 4:01:38 PM
NSW3622-0034	Air Patrol	Repair hardware	DH	3/9/01 patrol found loose xa brace	4/2/2001 11:52:16 AM
NSW3630-0041	Ironwood Crew	Replace broken bells	IN	5/25/01 IRW crew replaced 6 bells shot out. L. Erickson to contact police to report vandalism.	5/29/2001 11:52:38 AM
NSW3630-0428	Transmission Inspector	Change out TB 0201 (C) 40/3	DP-NR	Installed 40/3, xa, 3 clamp top posts	5/18/2001 9:30:35 AM
NSW3631-0029	Transmission Inspector	Change out 50/3 Modified TB 0201(C)	RP	4/20/01 Roeder reports pole has silver tag & is hollow. Pole has shield wire, all phases on xa; Use 50/3 xa & insulators	5/2/2001 2:40:34 PM
NSW3631-0044	Transmission Inspector	Install antenna warning sign	ID	4/20/01 Roeder reports new antenna, white spear near line.	5/2/2001 2:40:34 PM
NSW3635-0309		REMOVE	RW	OLD POLE BUTTS	11/5/2001 9:16:53 AM
NSW3635-0323		REMOVE	RW	OLD POLE BUTTS	11/5/2001 9:16:53 AM

PROBLEMS COMPLETED 2001 - WISCONSIN TRANSMISSION

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3101-0108		CHANGE OUT	BA	TOP ARM MODIFIED STR. John Frederick replace horz XA	9/29/2001
NSW3101-0273		MONITOR CONDITION	DC	Duplicate	9/24/2001
NSW3102-0506		Replace insulation and end section of strut	IN	9/26/01 Melgard confirmed center string is over 50% damaged including hot end section of 3 post strut assembly.: Roeder replace 20 insulators & 3 sections	9/29/2001
NSW3102-0552		REPAIR WITH I-FOAM	WH	NUMOROUS WOODPECKER HOLES ALSO SPLINT ON POLE	11/6/2001
NSW3102-0597		UNSPECIFIED ASSIGNMENT	RW	PULP UNDER LINE BETWEEN STR. 597 AND 596	11/6/2001
NSW3102-0795	CRW	CHANGE OUT	DH	FIBERGLASS GUY STRAINS;	11/6/2001
NSW3203-0015	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	SOUTH POLE; ROTTEN POLE TOP, POSSIBLY SPLIT (TOOK 2 PICTURES); 9/18/00 E arm rotted, Recheck in 3 years (9/03)	10/23/2001
NSW3203-0018	Trans Construction	Install pole wrap to cover 18 of wood below grade, move up pole number and high voltage sign	RW		10/23/2001
NSW3203-0046	Trans Construction	INSTALL SLEEVE ON DAMAGED CONDUCTOR; Verify pole rot.	BC	2 BROKEN STRANDS ON WEST PHASE ABOUT MIDSPAN BETWEEN STR. 46 AND 47. 150 FT. SOUTH OF OLD CAR SEAT - Need Outage - Possible armor rod, repair sleeve, 1 full tension sleeve	10/23/2001
NSW3203-0050		MONITOR	WH	1 MED HOLE - WAS THIS POLE CHANGED OUT???? NEED TO UPDATE UNITS AT THIS LOCATION	11/2/2001
NSW3203-0058	Trans Construction	Change bell out on running angle	IN	5/15/01 report of broken bell	10/23/2001
NSW3203-0059	Trans Construction	CHANGE OUT CROSSARM	DA	ROTTEN CROSSARM 1 ROT TOPSIDE - NO BRACES - 9/19/00 Arm bowed, rotted on top average 2: deep - change out within 1.5 years	10/23/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3203-0084	Trans Construction	Replace structure	WH	2 LARGE HOLES (FRESH) - 10/24/00 did not fill - recomment change out structure; Zillmer set 2 80/2 @ 15'6" spacing	10/2/2001
NSW3203-0108		VERIFY	RW	MOBILE HOMES DIRECTLY UNDER LINE (PARK AT BRACKETT-USED TO BE VACANT SPOTS UNDER LINE) - 2 mobile homes under the line. 2/01 Scott Storrar is aware of this issue.	2/27/2001
NSW3203-0295	Transmission Line	2 small woodpecker holes too small to fill	WH	2 small woodpecker holes too small to fill	10/16/2001
NSW3203-0329		Repair with I-Foam	WH	1 hole, 2lbs	10/2/2001
NSW3203-0413	Trans Construction	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	Reinsulated to 161 specs.	12/1/2001
NSW3203-0413	Trans Construction	REPLACE INSULATION	IN	Reinsulated to 161 specs.	12/1/2001
NSW3205-0002		REMOVE	VT	TREES GROWING BETWEEN 30-40	10/5/2001
NSW3205-0025		REPAIR	DH	BOTTOM X-LACE BOLT LOOSE - Str was changed out in 1999	12/18/2001
NSW3207-0037		CHANGE OUT	PT	GOOD PILINGS ARE CAPPED WITH POLE TOPPER SEE DRAWINGS IN FILE - Crew replace piling on one leg	2/7/2001
NSW3207-0037	CRW	CHANGE OUT	DP	8/28/97 CREW REPORTED N LEG PILING HAS POLE TOP ROT 3 DOWN (2 SHELL), Crew replace wood piling with TC steel foundation	2/7/2001
NSW3207-0041	CRW	CHANGE OUT	PT	PILING TOPS ARE ROTTING COVERED GOOD PILINGS WITH POLE TOPPER, SEE DRAWINGS IN FILE 8/28/97 CREW REPORTED N LEG WESTERLY PILE ROTTED 30+ DOWN FROM TOP / NORTHERN PILE ROTTED 30+ DOWN FROM TOP, Crew replace wood piling with TC steel foundation	2/7/2001
NSW3207-0043		MONITOR CONDITION	DP-NR	REJECT PILING #1 ON RIGHT POLE - NONREINFORCEABLE 30/1; Crew replace wood piling with TC steel foundation	2/7/2001
NSW3207-0052	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA, Signs @ 50 & 56	10/14/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3207-0131		REMOVE	VT	TREES UNDER LINE - NEED TRIMMING FOR ACCESS	10/5/2001
NSW3209-0025		REPAIR WITH I-FOAM	WH	2 LARGE HOLES; 3 holes - 26lbs, screened pole from bottom arm to 10 above grade	2/26/2001
NSW3209-0027		REPAIR	BC	1 BROKEN STRAND (MIDDLE PHASE) 15 NORTH OF STRUCTURE - 2/26/01 XTC CONFIRMS PROB. (1 strand broke out due to bullet). LAND OWNER HAS CHAINS ON GATES - NEED CONTACT BY EL&A. STR ON TOP OF KNOB, NEED GO TRACK.	12/6/2001
NSW3209-0159-A		INSTALL 1 GUY GUARD ON GUY POLE (159-Z)	GG	1 GUY GUARD MISSING	12/6/2001
NSW3209-0164		Verify if conductor is damaged	DC	9/5/01 Mackie reported black-like substance on wire btwn 164 - 165, possible strand missing.	12/6/2001
NSW3209-0202		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; 1 hole - 32lbs	2/26/2001
NSW3209-0203		VERIFY - CHECK FOR DAMAGE	BC	BURN ON MIDDLE PHASE DUE TO TREE FALLING MIDSPAN BETWEEN STR. 203 AND 204. Crew could not find burn marks	2/21/2001
NSW3209-0220		Verify if conductor is damaged	DC	9/5/01 Mackie reported black-like substance melted on wire btwn 220 - 221	12/6/2001
NSW3209-0269		REPAIR	BC	1 BROKEN STRAND ON STATIC WIRE (50 SOUTH OF #269) SHOWED BEST LOOKING EAST; 2/21/01 Crew reports 2 - 3 broken strands - need national crane with bucket / fix with sleeve.	12/6/2001
NSW3209-0269		VERIFY	FO	LOOKS LIKE 12 OF BLACK FRICTION TAPE ON WIRE - POSSIBLE DAMAGE. MID-SPAN, MIDDLE PHASE - DO NOT KNOW IF BETWEEN 221-220 OR 220-219; Ditto to 19980837	2/21/2001
NSW3210-0058	Transmission Line	CHANGE OUT SUSPENSION INSULATION OF TANGENT STR	IN	4 FLASHED INSULATOR ON TOP PHASE; TLC replaced 27 bells, spliced out 18 grd wire & reclipped static	5/14/2001
NSW3210-0058	Transmission Line	CHANGE OUT	DA	DAVIT ARM	5/14/2001
NSW3210-0083		REPAIR WITH I-FOAM	WH	1 MED HOLE - TLC reported too sm to fill	2/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3210-0088		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; TLC filled 2 holes, 10 lbs & installed 33 of screen	2/14/2001
NSW3210-0089		REPAIR WITH I-FOAM	WH	2 LARGE HOLES; TLC filled 2 holes, 52 lbs & installed screen	2/14/2001
NSW3213-0119		REMOVE	RW	OLD POLE BUTTS IN GROUND NEED TO BE PULLED	8/14/2001
NSW3213-0144		REPAIR WITH I-FOAM	WH	AGAIN, 1 HOLE 30 LBS	12/18/2001
NSW3213-0180	Menomonie	REPAIR LOOSE BRACE	DH	LOOSE BOLT ON X-BRACE	6/20/2001
NSW3214-0027		REPLACE INSULATION	FI	TOP PHASE	10/18/2001
NSW3214-0085		CHANGE OUT	SA	NORTH SIDE	10/18/2001
NSW3214-0089		REPAIR	GW	SOUTH POLE	10/18/2001
NSW3214-0091		Replace crossarm with v-bracing	DA	Structure changed out	10/18/2001
NSW3214-0093		Replace crossarm with v-bracing	DA	Structure changed out	10/18/2001
NSW3214-0094		Replace crossarm with v-bracing	DA	Structure changed out	10/18/2001
NSW3214-0094		CHANGE OUT	BA	Structure changed out	10/18/2001
NSW3214-0106		REPIAR WITH I-FOAM	WH	Small Hole Filled	10/18/2001
NSW3216-0008		REPAIR WITH I-FOAM	WH	POLE LOOKS HOLLOW; Mackie set 55' pole & used six bands to stub it.	12/12/2001
NSW3216-0030		INSTALL DNR APPROVED NESTING STAND	FO	OSPREY NEST - EXERCISE CAUTION AND RESPECT; Duplicate Record	10/10/2001
NSW3216-0055		INSTALL DNR APPROVED NESTING STAND	FO	OSPREY NEST - EXERCISE CAUTION AND RESPECT; Duplicate Record	10/10/2001
NSW3216-0065		INSTALL DNR APPROVED NESTING STAND	RW	NEST - EXERCISE CAUTION AND RESPECT;	7/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3216-0065		INSTALL DNR APPROVED NESTING STAND	FO	OSPREY NEST - EXERCISE CAUTION AND RESPECT; Duplicate Record	10/10/2001
NSW3216-0067		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; 2 holes, 10lbs	7/10/2001
NSW3216-0068		REPAIR WITH I-FOAM	WH	NUMEROUS; 8 holes, 8lbs	7/10/2001
NSW3216-0069	CRW	REPAIR WITH I-FOAM	WH	NUMEROUS; XTC reported holes too small	7/10/2001
NSW3216-0071		INSTALL DNR APPROVED NESTING STAND	FO	OSPREY NEST - EXERCISE CAUTION AND RESPECT; Duplicate Record	10/10/2001
NSW3216-0072		REPAIR WITH I-FOAM	WH	3 MED HOLES; 3 holes, 4 lbs	7/10/2001
NSW3216-0074		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; 1 hole, 36 lbs	7/10/2001
NSW3216-0075		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; 1 hole, 2 lbs	7/10/2001
NSW3216-0078	CRW	REPAIR WITH I-FOAM	WH	7/10/01 Mackie reported hole were filled	7/10/2001
NSW3216-0079	CRW	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S); 7/10/01 Mackie reported hole were filled with tar	7/10/2001
NSW3216-0080		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; 1 hole, 2 lbs	7/10/2001
NSW3216-0081		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; 3 holes, 6 lbs	7/10/2001
NSW3216-0083		REPAIR WITH I-FOAM	WH	1 LARGE HOLE; 1 hole, 2 lbs	7/10/2001
NSW3216-0085		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM: Mackie reported holes too small	7/10/2001
NSW3301-0058	Transmission Line	CHANGE OUT	DB	2 SPLINTERED STRAIN BRACES (SPLIT INTO CENTER OF BRACE) ARM LOOKS LEVEL/1.5 - 2 X 30 long missing OK	7/2/2001
NSW3301-0058	Transmission Line	REMOVE	RW	REMOVE DEER STAND OFF POLE TO EDGE OF ROW/no treestand found on structure	7/2/2001
NSW3301-0059	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE/too small to fix	7/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3301-0126	Transmission Line	CHANGE OUT SUSPENSION INSULATION	FI	FLASHED INSULATOR - EAST PHASE/tower paint - two bells on center phase/two bells on east phase.	7/2/2001
NSW3301-0137	Transmission Line	REPAIR / REATTACH GUY	GU	GUY WAS BROKEN, REATTACHED TO OTHER ANCHOR WILL NEED A NEW ANCHOR IN THE FUTURE	4/30/2001
NSW3303-0637-1	Tom Fisher	Replace handle for 2G-161-12DC switch	DH	Aluminum handle broke while switching 1/11/00, replaced 2/27/01	2/27/2001
NSW3303-0657		REPAIR WITH I-FOAM	WH	1 LARGE HOLE Crew filled 2 holes, 4 lbs	11/8/2001
NSW3303-0659		INSTALL NEW	ID	HALF OF AERIAL NUMBER IS MISSING; 2/27/01 crew reported tower has 660 on each side. Problem assigned to wrong str #	2/27/2001
NSW3303-0659	CRW	REPAIR WITH I-FOAM	WH	DAVE JOHNSON REPORTED WOODPECKER DAMAGE NEAR STEEL TOWER ON H-FRAMES EAST OF TOWER. ID STR WITH DAMAGE ON THIS REPORT- REPORTED AGAIN ON 12/7/99 WOODPECKER DAMAGE ON BOTH POLES. Crew filled 8 holes, 78 lbs, 24 sheets of screen	3/14/2001
NSW3304-0174	Transmission Line	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/27/2001
NSW3304-0175	Transmission Line	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/27/2001
NSW3304-0176	Transmission Line	Reset leaning pole	LS	Storm caused 174 - 176 to lean over	6/27/2001
NSW3304-0829	Transmission	INSTALL CROSSING SIGN	ID	CROSSING SIGN MISSING, Signs are up	10/31/2001
NSW3304-0907		REPAIR WITH I-FOAM, INSTALL WIRE CLOTH	WH	NUMEROUS: 1 hole, 2lbs	11/7/2001
NSW3304-0907	CRW	REMOVE GRD CONNECTOR	DH	GROUND CONNECTOR HANGING ON FIBER OPTIC 120 EAST OF STR. - filled 2 holes 2 lbs	10/5/2001
NSW3304-0959	Transmission Line	Replace existing tower with TD0301(B) 65/1	FD	Vehicle left road and destroyed legs of 4 point lattice tower. Xcel Energy MN crews will correct problem	7/6/2001
NSW3304-1065	Siting & Land	Straighten pole using anchor installation. Need Anchor Easement	LS	18 CROSSLINE IN WATER - poles out of line - straightened pole with use of push pole as anchor out in	10/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3304-1065	Siting & Land	Straighten pole using anchor installation. Need Anchor Easement from Siting & Land Rights.	LS	1995; 18 out of line: 1998; 3 FT CROSSLINE: 11/7/00; XTC reported pole 5 out of line - straightened pole with use of push pole - anchor out in lake: 8/20/01 Siting & Land s notified for anchor easement.	10/5/2001
NSW3309-0001	Transmission	INSTALL ANTENNA WARNING SIGNS	ID	AP reported antenna near str 1, TLC reported no need for signs. DE tower taller than lightning poles.	10/31/2001
NSW3309-0032		CHANGE OUT SUSPENSION INSULATION OF TANGENT STR	FI	FLASHED INSULATOR - TOP PHASE: XTC reported no flash, bird dung	5/1/2001
NSW3309-0056	Transmission Line	CHANGE OUT	DB	STRAIN BRACE IS SPLIT BUT NO ROT: XTC installed 8 8 wood brace, ends - 50 & 45 degree fitings. 14 4 pole spacing.	5/1/2001
NSW3309-0103	Transmission Line	74.71.98 REPLACE TD 0301(B) 95/2	DP	New TD 0301(B) 95/2	4/30/2001
NSW3309-0112		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	2 FLASHED INSULATORS TOP PHASE 8/23/00 TLC REPORTED OUTAGE REQUIRED TO CHANGE OUT BELLS: XTC replace 16 insulators	5/1/2001
NSW3309-0118		REPAIR SLEEVE ON DAMAGED CONDUCTOR	DC	BROKEN STRAND ON JUMPER (MIDDLE PHASE) TOWER DE 8/23/00 TLC REPORTED ARMOR ROD WILL TAKE CARE OF PROBLEM. NEED OUTAGE.: Repair rod	5/1/2001
NSW3309-0120	Transmission Line	REPLACE BULBS FOR TWO SINGLE OB AT MID TOWER / ONE DBL BEACON AT TOP	LR	2001 Maintenance: Two Beacon Bulbs 620PS40/P & Two Obstruction Bulbs 116A21/T - Russ Drevlow installed bulbs	5/16/2001
NSW3316-0031		INSTALL SLEEVE ON DAMAGED CONDUCTOR	DC	2 BROKEN STRANDS ON WEST PHASE 200 SOUTH OF STR. 31; Gingles project correct problem	1/31/2001
NSW3316-0156		REPAIR WITH I-FOAM	WH	1 MED HOLE	12/14/2001
NSW3316-0185	Transmission	INSTALL ANTENNA WARNING SIGN	ID	ANTENNA WARNING SIGN MISSING. Signs relocated to str s 187 & 191.	9/27/2001
NSW3317-0041		REMOVE TREES	DT	SMALL SPRUCE LEANING TOWARDS LINE (14' AWAY)	12/17/2001
NSW3319-0085	Transmission Line	Repair stranded shield wire	DC	9/27/01 Mackie reported strand unraveling mid-span btwn 85 - 86	10/7/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3320-0029	Transmission Line	Change out crossarm if it will not last 5 years	DA	ARM ROTTEN 1" DOWN - (SOUTHEND); Mackie reported XA looked ok, recheck 2006	12/7/2001
NSW3320-0029	Transmission Line	TIGHTEN GUY WIRE	GU	LOOSE GUY WIRE; installed ss anchor & guy	12/7/2001
NSW3320-0029	Transmission Line	INSTALL 1 GUY GUARD	GG	MISSING 1 GUY GUARD	2/7/2001
NSW3320-0046	Transmission Line	Change out crossarm if it will not last 5 years	DA	SPLIT ARM ON SOUTH END, POSSIBLE ROT; installed 22' laminated xa	12/13/2001
NSW3320-0063	Transmission Line	Change out crossarm if it will not last 5 years	DA	ROTTEN ARM ON NORTH END; Mackie reported 20% of bottom corner split, will not hold water, recheck in 5 yrs;	12/5/2001
NSW3320-0098		REMOVE POPPLE TREES	DT	YOUNG POPPLE TREES UNDER LINE 6 FT AWAY	11/8/2001
NSW3320-0099	Transmission Line	Change out crossarm if it will not last 5 years	SA	CROSS ARM ROT OR SPLITTING - 3" DEEP; Mackie reported xa to be recheck in 2006. Trail off Liberty Ln from E side of 103 around swamp to str	11/29/2001
NSW3320-0107	Transmission Line	Change out crossarm if it will not last 5 years	DA	SPLIT ARM ON WEST SIDE BY SOUTH POLE; replace with single 22' xa; single phase dist xing	12/4/2001
NSW3320-0125	Transmission Line	Change out crossarm if it will not last 5 years	SA	CROSS ARM IS SPLITTING; Mackie reported recheck in 5 years.	11/29/2001
NSW3320-0130	Transmission Line	Change out crossarm if it will not last 5 years	DA	EAST ARM SPLITTING OPEN (SIDE IN MIDDLE); new 22' single laminated xa & bells. Pole in very wet area	12/4/2001
NSW3320-0150	Transmission Line	REPAIR	GW	OPEN CONNECTION	11/29/2001
NSW3320-0152	Transmission Line	Change out crossarm if it will not last 5 years	DA	ARM ROTTEN 1" DOWN SOUTH END; installed new single 22' laminated xa. Hay field from corner of Elm Dr & Oak Ridge	11/29/2001
NSW3320-0239	Transmission Line	Change out crossarm if it will not last 5 years	DA	SPLIT CROSSARM BEWEEN POLES ON WEST SIDE; Mackie reported xa rotted only for 3' & 1" deep. Will last for 5 years	11/28/2001
NSW3321-0210	Phillips Crew	STRAIGHTEN POLE	LS	POLE LEANING AGAIN AFTER STORM	6/16/2001
NSW3321-0210	Phillips Crew	Straighten structure	LS	6/28/01 Phillips crew had straighten pole over past several times using rock then foam. Install side anchors & guying.	6/28/2001
NSW3323-0075		REMOVE TREE	DT	TREE LEANING TOWARDS LINE (14' AWAY)	12/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3323-0257	Park Falls	Verify if damaged insulator is on line 3321 or 3323 / Plant shows polymer type	IN	4/4/01 patrol reported broken insulator on bottom. 4/17/01 Kundinger reported dbl cir 2 pole steel str. Polymer insulators on str. No visual damage.	4/17/2001
NSW3351-0045	Transmission Line	Change out type A structure, 55/3	FI	CHANGED OUT STR, ARM, INSULATORS. INSTALLED WP WIRE & NEW GROUNDS	11/8/2001
NSW3351-0068		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CHANGE OUT SUSP INSULATION ON TANGENT STR - duplicate	4/18/2001
NSW3351-0076		INSTALL NEW	GG	4 MISSING, 4/01 Roeder reported 6 replaced	5/15/2001
NSW3351-0080		INSTALL AERIAL NUMBER	ID	AERIAL NUMBER 80 IS MISSING, 4/01 Roeder reported aerial # on xa brace, center pole	5/21/2001
NSW3351-0080		CHANGE OUT SUSPENSION INSULATION OF DE STR	FI	FLASHED INSULATORS IN IDLE STR, 4/01 Roeder reported 1 sm birds eye flash on 1st DE bell off pole, N	5/21/2001
NSW3351-0083		REPAIR	GG	1 GUY GUARD OFF	5/15/2001
NSW3351-0084	Transmission Line	Change out pole	RP	Changed out pole and arm. WP Screened and new grounds	11/6/2001
NSW3351-0084	Transmission Line	Change out 1/2 26 xa	DA	Changed out pole and arm. WP Screened and new grounds	11/6/2001
NSW3351-0091		Change out susp bells on tangent str	IN	1 BROKEN INSULATOR ON CENTER PHASE; HPR replace bell	11/8/2001
NSW3351-0093		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	PT	POLE TOP ROT, 4/01 Roeder reported both pole tops solid, xa has 1/4 of natural weathering with 2 minor splits on N end. XA solid	5/21/2001
NSW3351-0094		INSTALL GUY GUARD	GG	1 GUY GUARD MISSING, , 4/01 Roeder reported both xa s are goodm W xa slight decay on top. XA s holding idler strings.	5/15/2001
NSW3351-0102	Transmission Line	Change our susp bells on tangent str	IN	Replaced Insulators	11/6/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0102	Transmission Line	Check for conductor damage / repair if needed	DC	Conductor okay. New armor installed	11/6/2001
NSW3351-0117	Transmission Line	Change out 26 crossarm	DA	Changed out arm	10/31/2001
NSW3351-0118		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported xa new - helo chg out	5/23/2001
NSW3351-0129		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported3/4x2x36 splinter on S end E xa. Xa solid, no rot. Water will drain.	5/21/2001
NSW3351-0136		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported arm solid, natural weathering	5/21/2001
NSW3351-0143	Transmission Line	SENT TO EL&A TO RESEARCH IF LETTER WRITTEN TO LANDOWNER 5/30/00	RW	SENT TO EL&A TO RESEARCH IF LETTER WRITTEN TO LANDOWNER 5/30/00	11/8/2001
NSW3351-0148		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported natural weathering with 1 sm splinter out of E xa, S end. Xa solid`	5/21/2001
NSW3351-0161		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported shallow splinters off xa s. Natural weathering on W xa. Xa solid.	5/21/2001
NSW3351-0164		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported sm splinters, 1/4 deep out of both xa s. No serious damage/cracking, xa s	5/21/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0166		Check in 5 years, (2006)	DA	CROSSARM ROT, 4/01 Roeder reported xa has metal splint on S end, but no decay. 3/4 pllinter off bottom W xa. Xa solid.	5/21/2001
NSW3351-0182	Transmission Line	Change out 1/2 26 xa	DA	2 ROT ON SOUTHEND OF CROSSARM, 4/01 Roeder reported 1/2 of xa rotten, S end, W xa. Zillmer replaced XA s & Xbrace	9/18/2001
NSW3351-0182	Transmission Line	CODE 6 / Change out xa brace	DB	4/01 Roeder reported xa brace. Zillmer replaced XA s & Xbraces	9/18/2001
NSW3351-0186	Transmission Line	CODE 6 / Change out 26 crossarm	DA	CROSSARM ROT, 4/01 Roeder reported arm sagging, both xa s split badly. E xa splinted. HPR replaced XA.	9/21/2001
NSW3351-0203		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM BOWING, 4/01 Roeder reported natural weathering, 1/4 of decay on top W xa. E xa has flaking of wood grain on E side. Xa solid	5/21/2001
NSW3351-0205	Transmission Line	CODE 5 / Change out complete structure	DA	CROSSARM BROKEN AND ROTTEN OUT, 4/01 Roeder reported 1/2 of pole top burnt away for 3 on N pole. S pole, ants working 8 up. MITC/INT Treat in 1995; Structure replaced in 2001 by HPR crews	10/30/2001
NSW3351-0206		Change out crossarm	DC	duplicate	10/5/2001
NSW3351-0212		VERIFY DAMAGE TO CROSSARM AND REPORT PRIORITY FOR CHANGING OUT	DA	4/01 Roeder reported newer xa. W xa S end 1/2x2 splinter 3 long missing. E xa 3/4 corner splinter off top xa. Xa	5/21/2001
NSW3351-0250		REMOVE TREES - Verify & cut if existing	DT	POPPLE TREES UNDER LINE BETWEEN STR.250 AND 251 - MAY REACH PHASES WITH GROWTH SPURT.	11/8/2001
NSW3351-0254	Transmission Line	Change our susp bells on dead end str	FI	FLASHED INSULATOR ON CENTER STRING, 4/01 Roeder reported 6 flashed bells on C ph idler string ++NEED INVENTORY++ Zillmer replace 6 bells	9/18/2001
NSW3351-0255	Transmission Line	INSTALL TERMINAL PADS	DH	SWITCH 5R69 - NO SPADES. Zillmer installed pads, refinished rupters, adjusted sw & tested vac bottles.	9/18/2001
NSW3351-0255-1	Transmission Line	INSTALL TERMINAL PADS	DH	SWITCH 5R70 - NO SPADES. Zillmer installed pads, refinished rupters, adjusted sw & tested vac bottles.	9/18/2001
NSW3351-0293	Transmission Line	Change our susp bells on tangent str	FI	6 FLASHED INSULATORS ON SOUTH PHASE	9/20/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3351-0296		REMOVE OLD POLE IN ROW	RW	OLD POLE IN ROW	9/20/2001
NSW3351-0297	Transmission Line	Change our susp bells on tangent str	FI	12 FLASHED INSULATORS ON SOUTH & CENTER PHASE'S	9/20/2001
NSW3351-0299	Transmission Line	CODE 5 / Change out 1/2 26 xa	DA	4/01 Roeder reported 1/2 xa totally rotted, long span. Zillmer replace XA	9/20/2001
NSW3351-0301		CLIMBING INSPECTION RECOMMENDED TO DETERMINE LIFE EXPECTANCY	DA	CROSSARM ROT, 4/01 Roeder reported natural weathering on E xa by bracket, minor aging cracks. Xa solid	5/21/2001
NSW3351-0310	Transmission Line	CODE 6 / Change out 26 crossarm	DA	SPLIT CROSSARM - 1/2 OF DOUBLE - POSSIBLY ROTTEN - CHECK OUT, 4/01 Roeder reported W 1/2 arm rotting inside. Zillmer replaced XA & install pole toppers	9/20/2001
NSW3351-0312	Transmission Line	CODE 5 / Change out 26 crossarm	DA	4/01 Roeder reported xa split - S pole rotten/hollow 15 up, 50/4. Zillmer replaced XA	9/20/2001
NSW3351-0312	Transmission Line	CODE 5 / Change out 50/3	RP	4/01 Roeder reported S pole rotten/hollow 15 up, 50/4. Track vehicle. Zillmer installed 50/2 with wire cloth	9/20/2001
NSW3351-0322	CRW	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	IDENTIFICATION MISSING - INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF ANTENNA; , 4/01 Roeder reported signs were installed @ 325 & 320	5/21/2001
NSW3351-0323	Transmission Line	CODE 5 / Replace type A structure (both grd s chopped off at 12)	RP	99 Helo reports med hole 18 below xa, pole looks hollow priority 4 (HWY CROSSING), 4/01 Roeder reported N pole hollow 5 down from top with 1 shell. S pole has ants (many test holes) Zillmer chg str, wire cloth installed	9/20/2001
NSW3352-0309	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA (GOGEBIC SUBSTATION) NO AERIAL WARNING SIGNS, Sign installed @ 306 only. Line ends	11/5/2001
NSW3401-0239	CRW	CHECK AND ADJUST SWITCH	SO	442 LOOKING AT HIXTON NEEDS NEW PADS ON ARCING HORNS; THIS SWITCH WILL GO AWAY WHEN A SWITCHING STATION IS BUILT. Station built	3/26/2001
NSW3401-0282	Transmission Line	Repair gun shot conductor	DC		10/8/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3401-0283	Transmission Line	Repair damaged conductor	DC	TLC installed repair sleeve	10/8/2001
NSW3401-0333	Transmission Line	Fill holes	WH	TLC filled 2 holes, 6 lbs	10/8/2001
NSW3401-0334	Transmission Line	Repair damaged pole ground	GW	TLC repaired grd wire, installed 3 candle sticks, 2 house knobs & 21 of grd wire.	10/8/2001
NSW3401-0334	Transmission Line	Straighten str leaning 2'	LS	TLC reset pole	10/8/2001
NSW3402-0106	HPR	UNSPECIFIED ASSIGNMENT	XX	NEEDS FILL - duplicate	1/24/2001
NSW3402-0106		UNSPECIFIED ASSIGNMENT	XX	CULVERT 18" EMPTY - duplicate	1/24/2001
NSW3403-0092-A	Abbotsford Crew	Remove OVHD guy pole from clear zone	BP	12/17/01 Truck left Hwy 10 and hit OVHD guy pole. This was the second time this pole hit. Rockwell engineered anchoring within easement off str 92. Pole & OHVD removed by Abbotsford crew.	12/18/2001
NSW3403-0240	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NO AERIAL WARNING SIGNS - NEW ANTENNA - need outage. TLC install signs @ str 236 & 245	10/9/2001
NSW3403-0252		REPAIR WITH I-FOAM	WH	2 holes 34 lbs (1 hole, 32 lbs) Strs. 257, 3 holes 6 lbs & 259, 1 hole 2 lbs	10/9/2001
NSW3403-0262		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM; need outage to screen. TLC filled 4 holes with 62 lbs. Screed pole completely.	10/9/2001
NSW3404-0011	Transmission Line	VERIFY THIS BEFORE CHANGE OUT TC0301 55/3	ST	SPLIT POLE TOP DOWN TO TOP PHASE; 4/18/02 Roeder reported pole is dbl tagged and is infested with ants. TLC capped pole & installed split bolt	10/1/2001
NSW3404-0015	Transmission Line	CHANGE OUT POST INSULATOR HORIZONTAL	FI	1 FLASHED INSULATOR TOP PHASE. Not recorded as completed	10/1/2001
NSW3404-0025	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; Not recorded as completed	10/1/2001
NSW3404-0027	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; Not recorded as completed	10/1/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3404-0031	Transmission Line	CHANGE OUT POST INSULATOR HORIZONTAL	FI	MIDDLE PHASE; Not recorded as completed	10/1/2001
NSW3404-0032	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; Not recorded as completed	10/1/2001
NSW3404-0036	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; Not recorded as completed	10/1/2001
NSW3404-0038	Transmission Line	REPAIR WITH I-FOAM	WH	AP REPORTS LARGE HOLE LOOKS HOLLOW JULY 1997; Not recorded as completed	10/1/2001
NSW3404-0039		CHANGE OUT HORIZONAL POST INSULATION	FI	1 FLASHED INSULATOR ON TOP PHASE - JUMPER CARRIER; TK; TLC replace one 88kV post. Behind Horse Barn	10/1/2001
NSW3404-0044		REPLACE INSULATION	FI	TOP PHASE; TLC replace all posts with 88kV. Behind Wayside Rest	10/1/2001
NSW3404-0045-4		REPAIR	GU	2 DOWN GUYS BURIED HALF WAY UP ON GUY GUARD. STATIC GUY MIGHT HAVE PULLED DUE TO TREE PLANTING; TLC found nothing. GG has slight bend by leaning Pine tree. Pole is raked 12 - 14"	10/1/2001
NSW3405-0009	Transmission Line	REPAIR WITH I-FOAM	WH	1 MEDIUM HOLE: 2 holes, 4lbs	7/5/2001
NSW3405-0044	Transmission Line	repair tie guy	DG	structure tie guy is broken, replaced	7/5/2001
NSW3405-0067	Transmission Line	REMOVE LARGE TREE	DT	TREE BRANCH GROWING TOWARDS LINE - 10 FT AWAY: no trees at this location	7/5/2001
NSW3405-0074	Transmission Line	TIGHTEN GUY WIRE	GU	DOWN GUYS LOOSE: no down guys	7/5/2001
NSW3405-0078	Transmission Line	REPAIR	GW	POLE GROUND TO STATIC CONNECTION OPEN: no grd wire, Dbl DE, static & static guys all connected	7/5/2001
NSW3405-0079	Transmission Line	REPAIR	GW	POLE GROUND TO STATIC CONNECTION OPEN: static & static guys all connected	7/5/2001
NSW3405-0270		Change out broken down guy	BG	9/5/01 Mackie reported down guy busted holding larger conductor	9/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3406-0013	Transmission	INSTALL ANTENNA WARNING SIGN, Along bike trail - Left side out - Bucket	ID	ANTENNA WARNING SIGN MISSING. Xcel communication tower. Fixed wing not allowed. Helo not	11/5/2001
NSW3406-0043		REPAIR WITH I-FOAM	WH	2 MED HOLES, 3/27/01 patrol did not find holes	3/30/2001
NSW3408-0018		REPAIR WITH I-FOAM	WH		11/2/2001
NSW3408-0018-4		REPAIR WITH I-FOAM	WH		11/2/2001
NSW3408-0020		REPAIR WITH I-FOAM	WH	2 SMALL HOLES BELOW SCREEN	11/2/2001
NSW3408-0021		REPAIR WITH I-FOAM	WH	2 SMALL HOLES	11/2/2001
NSW3408-0024		REMOVE OLD POLE BUTT	RW		11/2/2001
NSW3408-0028		OLD HOLE NEEDS FILL	RW	BLACK DIRT AND SEED	11/2/2001
NSW3408-0030		TIGHTEN GUY	GU		11/2/2001
NSW3408-0376	Transmission Line	REPAIR WITH I-FOAM	WH	NUMEROUS HOLES: 7/19/01 Haffenbredl reported both pole tops unrepairable & holes in poles near x lace are large/rotted. Xa & braces ok. Replace both 55 poles when corn off field. TLC use MNT poles to replace existing; cut 65 to 55 .	11/8/2001
NSW3408-0377	Transmission Line	RECLIP/RETIE/straight ened structure and reclipped	LS	in line? - NAPLES TO SHAWTOWN SECTION	7/19/2001
NSW3408-0377	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR/found no flashed insulators, possible bird crap	FI	2 FLASHED INSULATORS WEST PHASE	7/19/2001
NSW3408-0493	Transmission Line	REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM/filled 2 holes-5lbs.	7/17/2001
NSW3408-0493	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS/cut off pole top - installed topper s	7/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3408-0494	Transmission Line	Replace pole bands	DH	7/24/01 XTC found static pole band broken. Replaced	7/26/2001
NSW3408-0494	Transmission Line	Cut off pole tops	PT	7/24/01 XTC found pole top rot. Crew cut off & toppered both poles	7/26/2001
NSW3408-0495	Transmission Line	CHANGE OUT STRUCTURE	PT	ROTTEN POLE TOPS - RECOMMEND CHANGE OUT STR. WEEDS GROWING OUT OF DEADEND ARM. HAS KNEE BRACES. HAVE PICTURES. XTC installed new structure, poles were 1984 and cut down from 55 to 50 s.	7/26/2001
NSW3408-0495	Transmission Line	Replace pole bands	DH	7/24/01 XTC found static pole band broken. Replaced with new str change out.	7/26/2001
NSW3408-0565	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /filled 3 holes - 6 lbs.	7/18/2001
NSW3408-0567	Transmission Line	RECLIP/RETIE	LS	IN LINE/found nothing wrong with this structure	7/18/2001
NSW3408-0567	Transmission Line	REPAIR	DH	BOTH NUTS HAVE COME OFF OF X-BRACE ON SOUTH POLE/found nothing wrong with this structure	7/18/2001
NSW3408-0568	Transmission Line	RECLIP/RETIE	LS	IN LINE/reclipped structure	7/18/2001
NSW3408-0570	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /filled one hole - 3 lbs.	7/18/2001
NSW3408-0571		REPAIR WITH I-FOAM	WH	1 MED HOLE: 1 hole 3 lbs	7/18/2001
NSW3408-0591	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /filled 1 hole - 2 lbs.	7/17/2001
NSW3408-0592	Transmission Line	RECLIP/RETIE	LS	IN LINE/structure was 2 from plumb; reinstalled x brace bolt, nut and locknut	7/17/2001
NSW3408-0594	Transmission Line	REPAIR WITH I-FOAM	WH	2 MED HOLES/filled 2 holes-2lbs.	7/17/2001
NSW3408-0618	Transmission Line	INSTALL 2 GUY GUARDS	GG	2 GUY GUARDS MISSING/installed 3 guy guards.	7/17/2001
NSW3409-0044	Transmission	Verify damage & repair	DP	9/4/01 Roeder repaired damage to pole hit by vehicle 9/2/01.	9/4/2001
NSW3410-0302		INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA - NO WARNING SIGNS INSTALLED; Crew reported signs were installed @ 294 & 309 on 5/24/2000 with permission from both property owners	2/27/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3410-0303	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	1/19/99 REPORTED	11/8/2001
NSW3410-0316		REPAIR WITH I-FOAM	WH	3 MED HOLES duplicate	3/22/2001
NSW3410-0316		Repair damage	WH	Crew discovered this wpk damage on general maint. 5 holes, 96 lbs, 21 sheets of screen	3/13/2001
NSW3410-0317		REPAIR WITH I-FOAM	WH	3 MED HOLES duplicate	3/22/2001
NSW3410-0317		Repair damage	WH	Crew discovered this wpk damage on general maint. 7 holes, 42 lbs, 11 sheets of screen	3/13/2001
NSW3410-0318		REPAIR WITH I-FOAM	WH	4 MED HOLES duplicate	3/22/2001
NSW3410-0318		Repair damage	WH	Crew discovered this wpk damage on general maint. 8 holes, 24 lbs, 14 sheets of screen	3/13/2001
NSW3410-0319		REPAIR WITH I-FOAM	WH	NUMEROUS HOLES Crew filled 9 holes, 36 lbs, 15 sheets of screen	3/13/2001
NSW3410-0320		INSTALL DNR APPROVED NESTING STAND	FO	OSPREY NEST - EXERCISE CAUTION AND RESPECT; ; Nest installed, Pam Rasmussen witnessed installation	2/27/2001
NSW3410-0320		Repair	WH	Crew discovered WPK holes on str, filled 2 holes - 32lbs & screened this H-frame with 42 sheets.	2/27/2001
NSW3410-0321		REPAIR WITH I-FOAM	WH	1 MED HOLE Crew filled 2 holes, 4 lbs, 10 sheets of screen	3/13/2001
NSW3411-0011		CHANGE OUT SUSPENSION INSULATION OF TANGENT STR	IN	Line up for rebuild Fall of 1999. No action required	11/2/2001
NSW3411-0018	Transmission Line	REPAIR DAMAGED CONDUCTOR NEAR STREET LIGHT	DC	BILL MOUSETT REPORTED PROBLEM ON THIS STR. TLC repaired conductor	12/31/2001
NSW3411-0029		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3411-0030		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0055		REMOVE TREES	DT	TREES CLOSE UNDERNEATH LINE	11/2/2001
NSW3411-0058		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0060		REPAIR	PT	HOLLOW	11/2/2001
NSW3411-0081	CRW	REPAIR WITH I-FOAM	WH	IN WATER - NEED MARSH MASTER; Roeder retrieved 1 pole butt to staging	6/29/2001
NSW3411-0083		UNSPECIFIED ASSIGNMENT	RW	OLD POLE ON R/W SHIFTING WATER MARSH MASTER; Roeder retrieved 1 pole & butt to staging	6/29/2001
NSW3411-0084		UNSPECIFIED ASSIGNMENT	RW	OLD POLES MOVING AROUND MARSH MASTER; Roeder retrieved poles to staging	6/29/2001
NSW3411-0085		UNSPECIFIED ASSIGNMENT	RW	POLES ARE MID-SPAN BOTH SIDES OF 98 MARSH MASTER; Roeder retrieved poles to staging	6/29/2001
NSW3411-0087		UNSPECIFIED ASSIGNMENT	RW	OLD POLE 125' WEST OF STRUCTURE MARSH MASTER; Roeder retrieved pole to staging & installed 3 guy	6/29/2001
NSW3411-0089		UNSPECIFIED ASSIGNMENT	RW	2 OLD POLES ON RW; Roeder retrieved poles to staging	6/29/2001
NSW3411-0115		REMOVE TREE	DT	TREE UNDER LINE BETWEEN STRS 115 AND 116, TOP HAS BEEN BURNT	12/17/2001
NSW3411-0124	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved pole to staging	6/28/2001
NSW3411-0125	CRW	UNSPECIFIED ASSIGNMENT	RW	PARTIAL OLD POLE IN R/W; Roeder retrieved poles to staging	6/28/2001
NSW3411-0127	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved poles to staging	6/28/2001
NSW3411-0128	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved poles to staging	6/28/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3411-0129	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved poles to staging	6/28/2001
NSW3411-0130	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved pole to staging	6/28/2001
NSW3411-0132	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved pole & arm pieces to staging	6/28/2001
NSW3411-0133	CRW	UNSPECIFIED ASSIGNMENT	RW	OLD POLES IN R/W; Roeder retrieved pole pieces to staging	6/28/2001
NSW3411-0229		VERIFY	PF	ON GUY POLE	11/2/2001
NSW3411-0235		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - POSSIBLY LOWER BAND STUB POLE;	11/2/2001
NSW3411-0239		REPAIR WITH I-FOAM	WH	(HOLE AT TOP)	11/2/2001
NSW3411-0241		REPAIR WITH EXTENSION KIT	PT	ource: OSMOSE; Description: POLE TOP ROT - INSTALL BAYONET;	11/2/2001
NSW3411-0243		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0253		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0268		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0271		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0275		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0276		MONITOR CONDITION	WO	WASH OUT - POLE ON AN ISLAND OF DIRT IN A SAND PIT. NO DANGER YET	11/2/2001
NSW3411-0278		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0279		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0281		MONITOR CONDITION	LS		11/2/2001
NSW3411-0287		INSTALL NEW	GG	3 GUARDS	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3411-0289		CHANGE OUT POST INSULATION	IN	ource: OSMOSE; Description: BROKEN INSULATOR - REPLACE PIN INSULATOR;	11/2/2001
NSW3411-0295		REPAIR	GW	REPAIR	11/2/2001
NSW3411-0302		VERIFY	DP	REPORTED AS REJECT. POLE HAS HEART ROT 2"-4" SHELL	11/2/2001
NSW3411-0307		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0316		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - POSSIBLY LOWER BAND;	11/2/2001
NSW3411-0331		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0334		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0339		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0340		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3411-0344		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0345		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0349		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0350		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0351		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3411-0356		REPAIR WITH EXTENSION KIT	PT	ource: OSMOSE; Description: POLE TOP ROT - INSTALL BAYONET;	11/2/2001
NSW3411-0361		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0362		REPAIR WITH I-FOAM	PT		11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3411-0366		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0367		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0372		REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	LOWER ASSEMBLY	11/2/2001
NSW3411-0373		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0388		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON MONTANA NORTH AND BOTTOM ARM;	11/2/2001
NSW3411-0389		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0390		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0391		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0395		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0398		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0403		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0407		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0414		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0419		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0419		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/2/2001
NSW3411-0422		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0425		REPAIR WITH I-FOAM	PT		11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3411-0427		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0428		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/2/2001
NSW3411-0429		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0435		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0436		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0437		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0438		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0440		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0444		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0447		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0451		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - POSSIBLY LOWER BAND;	11/2/2001
NSW3411-0463		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3411-0472		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0473		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3411-0474		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3416-0001		TIGHTEN GUY	GU	GUY WIRE LOOSE	11/5/2001
NSW3417-0010	CRW	INSTALL AERIAL NUMBER	ID	INSTALLED AERIAL NUMBER	4/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3417-0016	Transmission Line	REPAIR WITH I-FOAM	WH	FILLED 9 HOLES 16 LBS.	4/16/2001
NSW3417-0022	Transmission Line	Replace insulation	IN	REPLACED 4 INSULATORS BOTTOM PHASE	4/5/2001
NSW3417-0023	CRW	REPAIR WITH I-FOAM	WH	FILLED 6 HOLES 8 LBS.	4/16/2001
NSW3417-0029	CRW	CHANGE OUT	DP-NR	REPLACED 55 POLE WITH MAINTENANCE POLE, INSTALLED 2 NEW GUYS.	4/4/2001
NSW3417-0029	CRW	REPAIR WITH I-FOAM	PT	ROTTEN POLE TOP (NORTH SHORT POLE) Pole being replace due to grd line	3/30/2001
NSW3417-0030	CRW	REPAIR WITH I-FOAM	WH	2 MED HOLES (SWITCH POLE) Patrol reports this is on line 3435 switch pole FILLED 2 HOLES 2 LBS.	4/16/2001
NSW3417-0033-3	CRW	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	CUT OFF AND TOPPED ALL 4 POLES	3/29/2001
NSW3417-0040	Transmission Line	INSTALL AERIAL NUMBER	ID	AERIAL #40 MISSING - HISTORY SHOWS THIS WAS REPLACED, MISSING AGAIN???	4/18/2001
NSW3417-0047	CRW	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	REPLACED 15 INSULATORS	4/19/2001
NSW3417-0048	CRW	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	REPALCED 4 INSULATORS	4/19/2001
NSW3417-0051-A	CRW	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	PEPAIRED WITH POLE TOPPER, LOWERED 2 OVERHEAD GUYS AND DOWN GUYS	4/19/2001
NSW3417-0061	Transmission Line	REPAIR WITH I-FOAM	WH	FILLED 1 HOLE 2 LBS.	4/19/2001
NSW3417-0067	CRW	CHANGE OUT SUSP INSULATION ON DEADEND STR	FI	REPLACED 5 INSULATORS	4/18/2001
NSW3417-0067	Transmission Line	REPAIR BROKEN STRANDS	DC	INSTALLED REPAIR SLEEVE ON JUMPER	4/18/2001
NSW3417-0070	CRW	REPAIR WITH I-FOAM	WH	FILLED 2 HOLES 2 LBS.	4/19/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3417-0070	CRW	INSTALL AERIAL NUMBER	ID	INSTALL AERIAL NUMBER- 99 HELO REPORTED SAME	4/18/2001
NSW3417-0084	Transmission Line	REPAIR WITH I-FOAM	WH	MINOR HOLES WITH SMALL CRACH RUNNING BETWEEN, NOT WORTH FILLING	4/19/2001
NSW3417-0085	Transmission Line	INSTALL I-FOAM	WH	FILLED 2 HOLES 4 LBS.	4/19/2001
NSW3417-0091	CRW	REPAIR WITH I-FOAM	WH	duplicate	3/26/2001
NSW3417-0091	CRW	CHANGE OUT	DP-NR	REPLACED AND SCREENED POLE	4/9/2001
NSW3417-0091	Transmission Line	CHANGE OUT INSULATION ON TANGENT	IN	REPLACED 4 INSULATORS	4/10/2001
NSW3417-0092	CRW	REPAIR WITH I-FOAM	WH	duplicate	3/26/2001
NSW3417-0092	CRW	CHANGE OUT	DP-NR	REPLACED AND SCREENED POLE	4/9/2001
NSW3417-0092	Transmission Line	CHANGE OUT INSULATION ON TANGENT	IN	REPLACED 4 INSULATORS	4/10/2001
NSW3418-0168		REMOVE TREE	DT	TREE GROWING UNDER LINE - VERY TOP OF TREE LOOKS 18 UNDER LINE. THIS LINE WILL BE REBUILT BUT SOME LIGHT TRIMMING SHOULD BE DONE ASAP.	12/14/2001
NSW3418-0570	Transmission	INSTALL AERIAL CROSSING WARNING SIGNS 1/4 MILE BOTH SIDES OF WIRE CROSSING	ID	@ 566 & 574 on 6/7/2000	9/20/2001
NSW3419-0012		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0013		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0013		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0022		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0027		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0039		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0042		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0043		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0052		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	COMPLETED ON REBUILD	10/16/2001
NSW3419-0055		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0057		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0058		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0060		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0060		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0061		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0062		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0063		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0063		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0064		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0066		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0072		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0073		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0073		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0074		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0075		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0076		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0078		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0079		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0080		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0082		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0085		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0085		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0086		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0087		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0088		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0088		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0089		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0089		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0090		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0090		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0091		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0094		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0095		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0097		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0098		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0098		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0098		INSTALL NEW	AP	COMPLETED ON REBUILD	10/16/2001
NSW3419-0098		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0099		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0099		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0100		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0100		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0101		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0102		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0103		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0103		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0103		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0104		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0104		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0104		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0105		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0105		REPAIR	GW	COPMPLETED ON REBUILD	10/16/2001
NSW3419-0106		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0106		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0107		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0107		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0108		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0108		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0108		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0112		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0114		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0116		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0116		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0117		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0117		VERIFY	PF	COMPLETED ON REBUILD	10/16/2001
NSW3419-0118		REPAIR WITH I-FOAM	PT	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0120		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0122		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0123		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0125		REPAIR WITH I-FOAM	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0125		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0126		REPAIR WITH I-FOAM	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0126		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0127		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0130		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0130		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0131		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0133		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0138		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0138		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0139		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0141		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0141		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0144		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0144		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0146		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0150		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0151		VERIFY	RW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0153		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0154		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0155		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0158		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0163		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0165		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0167		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0173		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0175		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0178		MONITOR CONDITION	WO	COMPLETED ON REBUILD	10/16/2001
NSW3419-0184		INSTALL NEW	AP	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0186		Verify	RW	Check clearances - pole buried additional 4 . 3/30/01 Roeder reported clearances ok, need to install cunap wrap, raise danger sign, pole number & tag	12/17/2001
NSW3419-0187		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0188		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0190		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0190		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0190		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0191		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0194	Transmission Line	VERIFY	WH	Check clearances - pole buried . 3/30/01 Roeder reported clearances ok, need to install cunap wrap, raise danger sign, pole number & tag	12/17/2001
NSW3419-0195		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0196		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0199		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0199		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0200		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0201		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0202		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0202		MONITOR CONDITION	LS	COMPLETED ON REBUILD	10/16/2001
NSW3419-0202		REPAIR WITH WOODPECKER FILL	WH	1 holes, 3lbs	12/17/2001
NSW3419-0203		REPAIR WITH WOODPECKER FILL	WH	2 holes, 6lbs & 11 sheets of wire mesh	12/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0204		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0204	Transmission Line	Fill med holes & screen pole if necessary	WH	3/3/01 Roeder reported 2 med holes; 2 holes, 6lbs & 8 sheets wire mesh	12/17/2001
NSW3419-0205		REPAIR	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0205	Transmission Line	Fill med holes & screen pole if necessary	WH	3/3/01 Roeder reported 5 large holes. 5 holes, 66lbs & 8 sheets wire mesh	12/17/2001
NSW3419-0206		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0209		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0210		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0210	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA - NO WARNING SIGNS. 6/5/2000 installed @ 206 & 217	9/20/2001
NSW3419-0215		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0216		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0217		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0220		CHANGE OUT	IN	COMPLETED ON REBUILD	10/16/2001
NSW3419-0222		REPAIR	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0226		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0228		REMOVE	RW	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0240		REPAIR WITH I-FOAM	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0241		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0241		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0243		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0247		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0250		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0254		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0256		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0265		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0266		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0266	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	ANTENNA - NO AERIAL WARNING SIGNS; 6/5/2000 signs installed @ 257 & 271	9/20/2001
NSW3419-0275		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0283		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0288		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0289		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0303		RESET POLE	LS	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0307		TIGHTEN GUY WIRE	SG	COMPLETED ON REBUILD	10/16/2001
NSW3419-0310		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0313		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0313		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0315		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0315		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0315		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0317		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0319		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0320		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0321		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0322		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0322		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0329		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0330		REPAIR	GW	COMPLETED ON REBUILD	10/16/2001
NSW3419-0330		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001
NSW3419-0332		CHANGE OUT	DA	COMPLETED ON REBUILD	10/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0338		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0340		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0342		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0345		REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD	10/16/2001
NSW3419-0349		MONITOR CONDITION	WO	COMPLETED ON REBUILD	10/16/2001
NSW3419-0350		REMOVE	RW	WOOD PILE ON ROW	10/16/2001
NSW3419-0352		REPAIR WITH EXTENSION KIT	PT	COMPLETED ON REBUILD	10/16/2001
NSW3419-0357		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	10/16/2001
NSW3419-0361		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	10/16/2001
NSW3419-0664		REPAIR WITH I-FOAM	WH	NEW SECTION OF LINE	11/2/2001
NSW3419-0664		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ource: HELICOPTER PATROL; Description: POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3419-0664		REPAIR WITH I-FOAM	WH	NEW PORTION OF LINE TO FORT MC COY	11/2/2001
NSW3419-0666		REPAIR WITH I-FOAM	WH	ource: OSMOSE; Description: WOODPECKER HOLE(S) - 3;	11/2/2001
NSW3419-0667		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ource: HELICOPTER PATROL; Description: POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3419-0668		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ource: HELICOPTER PATROL; Description: POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3419-0670		REPAIR WITH I-FOAM	PT		11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0671		REPAIR WITH I-FOAM	WH		11/2/2001
NSW3419-0673		REPAIR WITH I-FOAM	WH	ource: OSMOSE; Description: WOODPECKER HOLE(S) - 2;	11/2/2001
NSW3419-0673		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		11/2/2001
NSW3419-0674		REPAIR WITH I-FOAM	WH	ource: OSMOSE; Description: WOODPECKER HOLE(S) - 4;	11/2/2001
NSW3419-0674		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3419-0678		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3419-0680		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3419-0682		REPAIR WITH I-FOAM	PT		11/2/2001
NSW3419-0686		CHANGE OUT SUSP INSULATION ON DE STR	FI	BOTTOM PHASE	11/2/2001
NSW3419-0690		REPAIR WITH I-FOAM	WH	ource: OSMOSE; Description: WOODPECKER HOLE(S) - 2;	11/2/2001
NSW3419-0704		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3419-0710		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE AND TOP PHASES	11/2/2001
NSW3419-0710		REPAIR	GW		11/2/2001
NSW3419-0711		REPAIR	GW	ource: OSMOSE; Description: DEFECTIVE GROUND WIRE;	11/2/2001
NSW3419-0712		REPAIR	GW		11/2/2001
NSW3419-0713		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	6 TOP AND MIDDLE PHASES	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0714		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ource: HELICOPTER PATROL; Description: POLE TOP ROT - REPAIR WITH BAYONET;	11/2/2001
NSW3419-0715		REPAIR WITH I-FOAM	WH	;	11/2/2001
NSW3419-0715		REPAIR WITH EXTENSION KIT	PT	INSTALL BAYONET	11/2/2001
NSW3419-0719	CRW	REMOVE	TLA	INSTALL TEMPORARY GUY/ANCHOR @ 3419-0719; HEAD GUY CONDUCTORS AND GROUND CONDUCTORS TO GROUND ROD.	11/2/2001
NSW3419-0720	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0721	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0722	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0723	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0724	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0725	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0726	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0727	CRW	REMOVE	TLA	EAD GUY CONDUCTORS @ 3419-0726 AND GROUND CONDUCTORS TO GROUND ROD	11/2/2001
NSW3419-0728	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0729	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0730		INSTALL AERIAL NUMBER	ID	ource: HELICOPTER PATROL; Description: IDENTIFICATION MISSING - INSTALL AERIAL NUMBER;	11/2/2001
NSW3419-0730	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0731	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0732		REPAIR WITH I-FOAM	PT		11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0732	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0733		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	BOTTOM PHASE	11/2/2001
NSW3419-0733	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0734		REPAIR WITH I-FOAM	WH		11/2/2001
NSW3419-0734	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0735		REPAIR WITH I-FOAM	WH	ource: OSMOSE; Description: WOODPECKER HOLE(S) - 1;	11/2/2001
NSW3419-0735	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0736	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0737		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	ource: AERIAL INSPECTION; Description: BROKEN INSULATOR - 1;	11/2/2001
NSW3419-0737		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CHANGE OUT SUSP INSULATION ON TANGENT STR	11/2/2001
NSW3419-0737	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0738	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0739	CRW	REMOVE	TLA	REMOVE	11/2/2001
NSW3419-0740		INSTALL AERIAL NUMBER	ID	COMPLETED ON REBUILD	11/2/2001
NSW3419-0740	CRW	REMOVE	TLA	*** HENRY PLEASE NOTE *** PLEASE RECORD HOURS FOR LABOR & EQUIPMENT WHEN REMOVING GOAB @ STR 740 UNDER ACTIVITY MSWT2. CUT POLE ABOVE SECONDARIES. MARK SWITCHES AS 4L39, 3419-0740 & LABEL TOP CENTER BOTTOM. REMOVE POSTS & HOT PARTS FROM FRAMES & ST	11/2/2001
NSW3419-0748		REPAIR	GW	COMPLETED ON REBUILD	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3419-0750		INSTALL AERIAL NUMBER	ID	COMPLETED ON REBUILD	11/2/2001
NSW3419-0751		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	COMPLETED ON REBUILD	11/2/2001
NSW3419-0752		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	COMPLETED ON REBUILD	11/2/2001
NSW3419-0755		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	11/2/2001
NSW3419-0756		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	COMPLETED ON REBUILD	11/2/2001
NSW3420-0002		CHANGE OUT SUSP INSULATION ON DE STR	FI	INSULATORS ON TAP SWITCH PROBABLY LINE 3419	11/2/2001
NSW3420-0012		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	BOTTOM PHASE	11/2/2001
NSW3420-0018		REPAIR WITH I-FOAM	WH	ource: HELICOPTER PATROL; Description: WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/2/2001
NSW3420-0019		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE	11/2/2001
NSW3420-0022		REPAIR	ST	ource: HELICOPTER PATROL; Description: SPLIT POLE TOP - REPAIR WITH BAYONET;	11/2/2001
NSW3420-0031		MONITOR CONDITION	DA	BOTTOM ARM SPLIT	11/2/2001
NSW3420-0047		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE PHASE;	11/2/2001
NSW3420-0055		REPAIR WITH I-FOAM	WH	ource: HELICOPTER PATROL; Description: WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3420-0066		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE	11/2/2001
NSW3420-0071		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	REPAIR WITH BAYONET;	11/2/2001
NSW3420-0071		REPAIR	PT	VERY HOLLOW TOP	11/2/2001
NSW3420-0071		REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	STATIC FALLING OUT	11/2/2001
NSW3420-0074		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	REPAIR WITH BAYONET;	11/2/2001
NSW3420-0074		REPAIR WITH I-FOAM	WH		11/2/2001
NSW3420-0077		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	REPAIR WITH BAYONET;	11/2/2001
NSW3420-0082		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE PHASE;	11/2/2001
NSW3420-0083		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	BOTTOM PHASE	11/2/2001
NSW3420-0085		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	ource: HELICOPTER PATROL; Description: FLASHED INSULATOR - ? PHASE - REPLACE INSULATION ON TANGENT;	11/2/2001
NSW3420-0100		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE;	11/2/2001
NSW3420-0109		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ource: HELICOPTER PATROL; Description: POLE TOP ROT - REPAIR WITH I-FOAM;	11/2/2001
NSW3420-0109		REPAIR	PT	VERY HOLLOW TOP 2 POLE STRUCTURE	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3420-0113		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE PHASE	11/2/2001
NSW3420-0121		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE	11/2/2001
NSW3420-0122		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	REPAIR WITH BAYONET;	11/2/2001
NSW3420-0130		REPAIR WITH I-FOAM	WH	ource: HELICOPTER PATROL; Description: WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/2/2001
NSW3420-0133		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE PHASE;	11/2/2001
NSW3420-0134		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	MIDDLE PHASE;	11/2/2001
NSW3420-0134		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	BOTTOM PHASE	11/2/2001
NSW3420-0140		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP	11/2/2001
NSW3420-0142		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	2 BROKEN	11/2/2001
NSW3420-0148		REPAIR WITH I-FOAM	WH	MAY BE HOLLOW;	11/2/2001
NSW3420-0148		REMOVE POLE TOP AND CAP WITH POLE TOPPER	ST	SPLIT POLE TOP	11/2/2001
NSW3420-0150		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE;	11/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3420-0745		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	3 MIDDLE & TOP	11/2/2001
NSW3420-0747		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	3 TOP PHASE	11/2/2001
NSW3421-0105		REPAIR WITH I-FOAM	ST	POLE TOP SPLIT UNDER OLD POLE CAP - CREW INSTALLED SPLIT BOLT. WILL LAST FOR 10 YEARS	2/22/2001
NSW3421-0109		REPAIR	GU	GROUND WIRE LOOSE 20 - XTC STAPLED GRD TO POLE FOR 30	2/21/2001
NSW3421-0138	Transmission Line	Crew reported vac rupters broken	SO	Replace vacuum interrupters with like kind - Used from Chestnut Serv Cntr	8/21/2001
NSW3421-0227	Transmission Line	Replace broken bells	IN	Crew replaced 8 bells that were shot off	9/26/2001
NSW3422-0027		INSTALL NEW	DH	DOWNSTRAIN ON INSULATORS IS OVERTAXING INSULATORS. TLC installed brace posts earlier this year	11/20/2001
NSW3422-0045		RECLIP POLE	LS	LEANING IN-LINE	11/5/2001
NSW3422-0045		INSTALL POLE NUMBER	ID		11/5/2001
NSW3422-0046		INSTALL POLE NUMBER	ID		11/5/2001
NSW3422-0046		TIGHTEN HARDWARE	DH	DID NOT SPECIFY	11/5/2001
NSW3422-0047		INSTALL POLE NUMBER	ID		11/5/2001
NSW3422-0048		INSTALL POLE NUMBER	ID		11/5/2001
NSW3422-0053		VERIFY DAMAGE TO SHIELD	DC	60 OUT FROM 53 TOWARDS STR. 52, WIRE IS DISCOLORED TWO BLACK MARKS.	11/5/2001
NSW3422-0054		RESET POLE	LS	18 TO 24" CROSSLINE	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0057		INSTALL POLE BANDAGE/RESET POLE?	PS	POLE BRAND IS AT 9'	11/5/2001
NSW3422-0057		POLE MAY HAVE TO BE RESET	GR	GROUND ROD EXPOSED	11/5/2001
NSW3422-0058		MONITOR	PS	POLE APPEARS TO BE 2' SHALLOW	11/5/2001
NSW3422-0058		REPAIR BROKEN GROUND	GW	GROUND CONNECTION IS CUT AT ANCHOR ROD	11/5/2001
NSW3422-0058		INSTALL GUY GUARD	GG	2 GUARDS MISSING	11/5/2001
NSW3422-0059	Special	Remove grout between concrete footer & steel base. Avoid damage to bolts.	DH	DEFECTIVE HARDWARE: Larry Campell removed grout	11/19/2001
NSW3422-0059		INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	11/5/2001
NSW3422-0059		NEEDS PAINTING	SS	PAINT IS FLAKING	11/5/2001
NSW3422-0060	Special	Remove grout between concrete footer & steel base. Avoid damage to bolts.	DH	DEFECTIVE HARDWARE: Larry Campell removed grout	11/19/2001
NSW3422-0060		NEEDS PAINTING	SS	PAINT IS FLAKING	11/5/2001
NSW3422-0060		INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	11/5/2001
NSW3422-0061	Special	Remove grout between concrete footer & steel base. Avoid damage to bolts.	DH	DEFECTIVE HARDWARE: Larry Campell removed grout	11/19/2001
NSW3422-0061		NEEDS PAINTING	SS	PAINT IS FLAKING	11/5/2001
NSW3422-0061		INSTALL GROUND WIRE	GW	GROUNDING WIRE IS MISSING AT BASE OF POLE	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0062	Special	Remove grout between concrete footer & steel base. Avoid damage to bolts.	DH	DEFECTIVE HARDWARE: Larry Campell removed grout	11/19/2001
NSW3422-0062		NEEDS PAINTING	SS	PAINT IS FLAKING	11/5/2001
NSW3422-0063		REPLACE INSULATION	FI	BOTTOM PHASE	11/5/2001
NSW3422-0066		MONITOR	PS	POLE IS SHALLOW	11/5/2001
NSW3422-0068		REPLACE INSULATION	IN	TOP AND BOTTOM PHASES	11/5/2001
NSW3422-0069		REMOVE FOREIGN OBJECT FROM CONDUCTOR	FO	CENTER PHASE	11/5/2001
NSW3422-0069		REPLACE OR EXTEND ANCHOR	PS	ANCHOR IS BURIED	11/5/2001
NSW3422-0071		INSTALL POLE BANDAGE/RESET POLE?	PS	POLE BRAND IS AT 8' HAS PUSH BRACE	11/5/2001
NSW3422-0072		REPLACE INSULATION	IN	MIDDLE PHASE	11/5/2001
NSW3422-0072		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0073		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0074		GROUND WIRE NEEDS RESTAPLING	GW		11/5/2001
NSW3422-0074		REPLACE INSULATION	IN	MIDDLE AND BOTTOM PHASES	11/5/2001
NSW3422-0078		REPLACE INSULATION	IN		11/5/2001
NSW3422-0080		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0080		REPAIR GUY	DG	DAMAGE TO 10M GUYING	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0081		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0082		REPLACE INSULATION	IN	MIDDLE PHASE	11/5/2001
NSW3422-0082		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0083		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0083		REPLACE INSULATION	IN	MIDDLE PHASE	11/5/2001
NSW3422-0084		REPAIR	DH	COTTER KEYS OUT ALMOST EVERY ONE OF THEM ALL PHASES: Ring reported clips installed that replace cotter keys for interference mitigation.	5/23/2001
NSW3422-0084		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0085		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0086		INSULATION LOOKS CONTAMINATED	FO		11/5/2001
NSW3422-0086		REPLACE INSULATION	IN	TOP PHASE	11/5/2001
NSW3422-0089		REPLACE INSULATION	IN	CENTER AND BOTTOM PHASES	11/5/2001
NSW3422-0089		REPAIR BROKEN GROUND WIRE	GW	AT BASE OF POLE	11/5/2001
NSW3422-0090		REPAIR BROKEN GROUND WIRE	GW	AT BASE OF POLE	11/5/2001
NSW3422-0090		REPLACE INSULATION	IN	BOTTOM PHASE	11/5/2001
NSW3422-0090		REPLACE BRACE	DB	WISHBONE BRACE IS SPLINTERED	11/5/2001
NSW3422-0097		INSTALL PROTECTIVE COATING	SS	GROUND IS ABOVE PROTECTIVE COATING	11/5/2001

Equip.No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3422-0098		REPAIR GROUND WIRE	GW	GROUNDING WIRE IS BROKEN AT BASE OF POLE	11/5/2001
NSW3422-0098		VERIFY WHAT TO DO	SS	FOUNDATION IS CHIPPED IN THREE AREAS	11/5/2001
NSW3422-0100		REMOVE OLD ANCHOR	RW	WILL NEED GO-TRACT	11/5/2001
NSW3422-0101		TIGHTEN LOOSE BOLTS	DH	FIRST SPLICE PLATE NORTHEAST LEG	11/5/2001
NSW3422-0101		BIRDCAGE	DC	EAST AND CENTER PHASES	11/5/2001
NSW3423-0040	Transmission	INSTALL AERIAL CROSSING WARNING SIGNS 1/4 MILE BOTH SIDES OF WIRE CROSSING	ID	MAKE SURE WE ARE TALKING OLD OR NEW NUMBERS ON THIS ONE, I M NOT SURE WHICH NUMBER LARRY REPORTED; 5/25/2000 @ #26 on dbl cir xing sign & #37 on 3423 installed xing sign	9/20/2001
NSW3424-0055		REPAIR WITH I-FOAM	WH	1 LARGE HOLE: Fill 1 hole, 2lbs	3/26/2001
NSW3424-0057		REPAIR WITH I-FOAM	WH	1 MED HOLE - 2lbs	3/26/2001
NSW3424-0310		INSTALL ANTENNA WARNING SIGN	ID	MISSING ANTENNA WARNING SIGN - signs @ 304 & 318	3/26/2001
NSW3424-0379		FILL CULVERT	XX	CULVERT NOT FILLED 15"	11/8/2001
NSW3424-0470		INSTALL ANTENNA WARNING SIGN	ID	MISSING ANTENNA WARNING SIGN - crew reported signs not at this location	3/26/2001
NSW3424-0570		INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	TV ANTENNA - NO AERIAL WARNING SIGNS - PRIORITY 3 - 6/7/2000 crew reported signs are @ 573 &	3/26/2001
NSW3424-0622	CRW	CHANGE OUT	FI	CHANGE OUT - crew found no flashed insulators on switch or dead-ends	3/26/2001
NSW3427-0152		Repair jumper	DC	6/28/01 Chetek crew found jumper burned off on 4A22, repaired same day	6/28/2001
NSW3427-0199		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP	5/31/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3427-0200	CRW	CHECK AND ADJUST SWITCH	SO	4R106 OPERATING HARD: Mackie installed 1 pivot bearing on 4R106 on middle shelf. Replaced 6 44 aluminum reach rod with 6 galv steel rods.	5/31/2001
NSW3427-0202	Transmission Line	REPAIR WITH I-FOAM	PT	HOLLOW POLE TOP: Filled top with 8lb I-foam & capped pole top.	5/31/2001
NSW3427-0202		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP-DUPLICATE	2/16/2001
NSW3427-0240	Transmission Line	REMOVE TREES	DT	ROW VERY NARROW - VERY TALL TREES BOTH SIDES OF LINE FROM STR. 240 TO 249	11/8/2001
NSW3427-0255	Transmission Line	REMOVE TREES	DT	ROW VERY NARROW - VERY TALL TREES BOTH SIDES OF LINE FROM STR. 255 TO 260	11/8/2001
NSW3427-0266	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE, TLC replace str under RO 20011657	10/31/2001
NSW3427-0266	Transmission Line	CHANGE OUT	DA	WIRE IS DEADENDED. TLC replace str, reused anchors	10/11/2001
NSW3427-0267	Transmission Line	Replace structure	DA	Engineer gave permission to move 267 80 inline. New dead-end str set	10/18/2001
NSW3427-0410	CRW	INSTALL WEIGHTS IF AVAILABLE	FI	TA	6/26/2001
NSW3427-0431	Transmission Line	RESET POLE	DP	THIS WAS A FALSE REPORT	9/24/2001
NSW3427-0452	CRW	Repair pole top	PT	CREW DID INSTALL A POLE TOPPER TO STABILIZE FOR A WHILE.	6/26/2001
NSW3427-0453	CRW	Repair pole top	PT	CREW INSTALLED POLE TOPPERS TO BUY SOME TIME.	6/26/2001
NSW3427-0460		Repair damaged Z arm members	DA	Chetek crew responded to str damaged and repair middle, bottom and brace.	9/3/2001
NSW3427-0492		REPAIR WITH I-FOAM	ST	MORE DUPLICATES	6/26/2001
NSW3427-0492		INSTALL WEIGHTS IF AVAILABLE	IN	FLOATING HOLD DOWN STRING - DUP TO 19991310	6/18/2001
NSW3427-0492	Transmission Line	INSTALL WEIGHTS IF AVAILABLE	IN	INSTALLED 1 HOLD DOWN WEIGHT	6/26/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3427-0492	Transmission Line	RESET POLE	DP	THIS WAS A FALSE REPORT	6/14/2001
NSW3429-0046		REPAIR WITH I-FOAM	WH	1 LARGE HOLE - NO HOLE FOUND	2/21/2001
NSW3429-0047		REPAIR	BG	BROKEN GROUND WIRE (STATIC - POLE GROUND) - NO PROB FOUND	2/21/2001
NSW3429-0187	Transmission Line	Replace structure	LS	6/11/01 storm caused pole to lean over and twist within the steel stub. Mackie set new str.	6/19/2001
NSW3429-0194	Transmission Line	Repair damaged conductor	DC	INSTALLED 12 OF WIRE AND 2 SLEEVES, ALSO INSTALLED 3 NEW GUYS WITH STRAINS.	6/27/2001
NSW3434-0021		REMOVE TREES	DT	ROW VERY NARROW - TALL TREES ON SIDES BETWEEN STRS 21 AND 22	12/17/2001
NSW3434-0099		REMOVE	VT	TREES IN ROW	11/8/2001
NSW3434-0103	Transmission Line	INSTALL ANTENNA WARNING SIGN 1/4 MILE BOTH SIDES OF THIS STR	ID		11/15/2001
NSW3434-0194		REMOVE TREES	DT	ROW VERY NARROW - TALL TREES ON SIDES BETWEEN STRS 194 & 228	12/17/2001
NSW3435-0004-A	CRW	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; Str replace during const upgrade to Hydro Lane Sub	4/3/2001
NSW3435-0004-A	CRW	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT - REPAIR WITH I-FOAM TALLER POLE; Str replace during const upgrade to Hydro Lane Sub	4/3/2001
NSW3435-0004-A1	CRW	REPAIR WITH I-FOAM	PT	HOLLOW POLE TOP 8 DOWN (GUY STUB) - LOWER BANDS Str replace during const upgrade to Hydro Lane	4/3/2001
NSW3435-0022	Transmission Line	Replace insulation	IN	REPLACED 8 INSULATORS	4/8/2001
NSW3435-0026		CHANGE OUT	DB	SPLIT BRACE (BOTTOM ARM) BETWEEN POLES	4/2/2001
NSW3435-0029	Transmission Line	Change out pole	PT	REPLACED 55 POLE WITH MAINTENANCE POLE INSTALLED 2 GUYS	4/25/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3435-0030-1		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS	3/29/2001
NSW3435-0030-2		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOPS	3/29/2001
NSW3435-0030-3		Replace insulation	IN	3/27/01 Patrol reported chipped/flashed bell	3/29/2001
NSW3435-0031	Transmission Line	Replace insulation	IN	REPLACED 9 INSULATORS	4/18/2001
NSW3435-0039	Transmission Line	Replace insulation	IN	REPALCED 1 CAP AND PIN INSULATOR	4/18/2001
NSW3435-0056	Transmission Line	Replace insulation	IN	REPALCED 4 INSULATORS	4/18/2001
NSW3435-0058	Transmission Line	Repair ground wire	GW	REPAIRED grd wire broke @ static	4/18/2001
NSW3435-0062	CRW	CHANGE OUT SUSP INSULATION ON TANGENT	FI	REPALCED 4 INSULATORS	4/18/2001
NSW3435-0069	Transmission Line	Repair ground wire	GW	REPAIRED grd wire broke @ static	4/18/2001
NSW3435-0080	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT	FI	REPLACED 4 INSULATORS	4/18/2001
NSW3435-0100-3	Transmission Line	CHANGE OUT POST INSULATION	FI	REPLACED 1 FLASH PIN CAP INSULATOR (TOP PHASE)	4/18/2001
NSW3435-0100-4	CRW	CHANGE OUT POST INSULATION	FI	REPLACED 3 PIN CAP INSULATORS	4/18/2001
NSW3437-0001		PAINT STRUCTURE	SS	STRUCTURES 1 THROUGH 26 ARE RUSTING - LINE REBUILT 11/2001	11/12/2001
NSW3437-0002		UNSPECIFIED ASSIGNMENT	RW	OLD INSULATORS UNDER TOWER - LINE REBUILT 11/2001	11/12/2001
NSW3437-0007		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	VERTICAL POST ON TOWER - LINE REBUILT 11/2001	11/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3437-0007		UNSPECIFIED ASSIGNMENT	RW	OLD INSULATORS UNDER TOWER - LINE REBUILT 11/2001	11/12/2001
NSW3437-0010		INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - INSTALL 1/2 OF AERIAL NUMBER; - LINE REBUILT 11/2001	11/12/2001
NSW3437-0011		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CHIPPED HORIZONTAL POST - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0012		CHANGE OUT POST INSULATOR HORIZONTAL	FI	1 FLASHED HORZ POST INSULATOR TOP & MIDDLE PHASE (LOCATED ON TAP TO JACKSON COUNTY) - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0014		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT VERTICAL POST CENTER PHASE (THIS IS TAP FROM 3437 INTO JACKSON COUNTY; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0015		CHANGE OUT POST INSULATOR HORIZONTAL	FI	FLASHED INSULATOR - HORIZONTAL POST (LOCATED ON TAP TO JACKSON COUNTY) - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0022		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	BROKEN INSULATOR - MIDDLE PHASE - REPLACE INSULATION ON TANGENT HORIZONTAL POST; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0025		INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - INSTALL AERIAL NUMBER; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0025		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	BROKEN INSULATOR - TOP PHASE - REPLACE INSULATION ON TANGENT HORIZONTAL POST; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0026		CHANGE OUT POST INSULATION HORIZONTAL	FI	FLASHED INSULATOR MIDDLE PHASE - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0037		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT VERTICAL POST CENTER PHASE (THIS IS ON MAIN LINE) - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0040		CHANGE OUT POST INSULATION	FI	FLASHED INSULATOR MIDDLE PHASE - LINE SECTION REBUILT 11/2001	11/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3437-0041		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CHIPPED VERTICAL POST ON TOWER - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0042		CHANGE OUT POST INSULATION	FI	FLASHED INSULATOR MIDDLE PHASE - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0045		CHANGE OUT POST INSULATOR HORIZONTAL	FI	MIDDLE PHASE - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0048		CHANGE OUT POST INSULATION	FI	FLASHED INSULATOR MIDDLE PHASE - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0052		PAINT STRUCTURE	SS	STEEL STRUCTURE - BUCKLING ANGLES BY BASE OF TOWER; Fix: MELGARD REVIEW SITE WITH SCOTT STORRAR JUNE 96 WITH RECOMMENDATIONS TO REPLACE STRUCTURE WITH WOOD DURING FUTURE RECONDITIONING.; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0070		INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - INSTALL AERIAL NUMBER; LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0070		REPAIR	DH	MIDDLE PHASE, SEECO SWITCH 4L110 MIDDLE PHASE ARC WHIP BURNT OFF - LINE SECTION REBUILT	11/12/2001
NSW3437-0070		CHANGE OUT PIN & CAP INSULATORS	FI	FLASHED PIN & CAP INSULATORS ON SWITCH 4L110 (TOP PHASE) - LINE SECTION REBUILT 11/2001	11/12/2001
NSW3437-0076		CHANGE OUT SUSP INSULATION ON DE STR	FI	3446 JUNCTION - CHANGED OUT FLASHED INSULATORS	11/12/2001
NSW3438-0025		INSTALL ANTENNA WARNING SIGN	ID	ANTENNA WARNING SIGN MISSING - INSTALLED @ STR 22 & 33	2/22/2001
NSW3438-0029		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM - NO PROB FOUND	2/22/2001
NSW3438-0114		CHANGE OUT POST INSULATION HORIZONTAL	FI	FLASHED INSULATOR - CENTER PHASE	11/5/2001
NSW3438-0160		MONITOR CONDITION	LS	CROSSLINE 18 - 24"	10/31/2001
NSW3438-0161		MONITOR CONDITION	LS	CROSSLINE 18 - 24"	10/31/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3438-0162		INSTALL LINE NUMBER	ID	TLC install 3438 on steel tower	10/31/2001
NSW3438-0163	Transmission Line	Install antenna warning signs	ID	TLC installed signs @ str s 159 & 166. Crew also install line ID number	10/31/2001
NSW3438-0163	Transmission Line	Dead-end shield wire	FC	Completed with dampers installed	10/31/2001
NSW3443-0024	CRW	CHANGE OUT	RP	POLE HOLLOW ABOVE GROUND LINE NEXT TO DISTRIBUTION SINGLE PHASE & ROAD.	10/5/2001
NSW3445-0003	Transmission Line	Verify what needs to be done to repair split	ST	TOP SPLITTING - SWITCH POLE/this pole has been cut off & toppered.	9/12/2001
NSW3445-0021	Transmission Line	REPAIR WITH I-FOAM	WH	filled 2 holes/3 lbs.	9/12/2001
NSW3445-0022	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	1 FLASHED HORIZONTAL POST INSULABOR ON MIDDLE PHASE/no flashed insulators	9/12/2001
NSW3445-0023	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT HORIZONTAL POST; /filled 5 holes w/3 lbs.	9/12/2001
NSW3445-0023	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE/changed 1 flashed ins.	9/12/2001
NSW3445-0024	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /filled 7 holes w/9 lb s	9/12/2001
NSW3445-0026	Transmission Line	REPAIR WITH I-FOAM	WH	1 LARGE HOLE/filled 3 holes w/6 lb's	9/12/2001
NSW3445-0042	Transmission Line	CHANGE OUT 55 CL 3 TC0401C	RP	POLE TESTING INDICATED REJECT DANGER POLE/this pole was changed out according to tag 1999.	9/12/2001
NSW3445-0045	Transmission Line	REPAIR WITH I-FOAM	WH	1 LARGE HOLE/hole is filled	9/12/2001
NSW3445-0047	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	ins. have been changed.	9/12/2001
NSW3445-0048	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	ins. are good	9/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3445-0049	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	ins. are good.	9/12/2001
NSW3445-0056	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	w.p. holes are filled	9/12/2001
NSW3445-0056	Transmission Line	REPAIR WITH I-FOAM	WH	__ins. are good	9/12/2001
NSW3445-0057	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	ins. are good	9/12/2001
NSW3445-0062	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT HORIZONTAL POST; /no flashed ins./filled 1 w.p. hole w/3 lb s	9/12/2001
NSW3445-0066	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	IN	ins. are o.k.	9/12/2001
NSW3445-0082	Transmission Line	REPAIR WITH I-FOAM	WH	NUMEROUS HOLES, LOOKS HOLLOW/could only find 2 holes; filled w/9 lbs.	8/14/2001
NSW3445-0083		REPAIR WITH I-FOAM	WH	CORRECTED ON POLE REPLACEMENT	8/15/2001
NSW3445-0083	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	BROKEN INSULATOR - 1; /changed out pole - H.H. attached a sheet of the condition of pole.	9/12/2001
NSW3445-0085		REPAIR WITH I-FOAM	WH	3 HOLES 9 LBS.	8/14/2001
NSW3445-0085		REPLACE INSULATION	FI		8/14/2001
NSW3445-0086	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /changed out 3 insulators	9/12/2001
NSW3445-0086	Transmission Line	CHANGE OUT POST INSULATION HORIZONTAL	FI	1 FLASHED HORIZONTAL POST INSULABOR ON MIDDLE PHASE/no holes on str. 86	9/12/2001
NSW3445-0095	Transmission Line	CHANGE OUT POST INSULATOR HORIZONTAL	FI	TOP PHASE/changed out 1 ins.	9/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3445-0098	Transmission Line	REPAIR WITH I-FOAM	WH	1 LARGE HOLE/filled 1 hole w/3 lbs.	9/12/2001
NSW3445-0099	Transmission Line	REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM/filled 1 hole w/3lbs.	9/12/2001
NSW3445-0110	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; /filled 1 hole w/8 lbs.	9/12/2001
NSW3445-0110	Transmission Line	REPAIR WITH I-FOAM	PT	ROTTEN POLE TOP 3 DOWN/cut off top & installed pole topper	9/12/2001
NSW3446-0009	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE EACH SIDE OF THIS STR	ID	NEW ANTENNA - NO AERIAL SIGNS - PRIORITY 3: @ 6 & 11	9/20/2001
NSW3446-0041		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	CHANGE OUT ALL GLASS ON 3 WAY SWITCH OR REPLACE SWITCH WITH ADD-A-T.Source: HELICOPTER PATROL; Description: FLASHED INSULATOR - BOTTOM AND CENTER PHASES SWITCH POSTS; LINE REMOVED 11/2001	11/12/2001
NSW3446-0041		REPAIR WITH I-FOAM	WH	1 MEDIUM HOLE ABOVE SWITCHES - LINE REMOVED 11/2001	11/12/2001
NSW3447-0021		CHANGE OUT CROSS ARM	SA	ARM SPLITTING/this was reporterd incorrectly	3/14/2001
NSW3447-0025		REPAIR GROUND WIRE	GW	LOOSE GROUND WIRE AT 10 FT: Restapled	7/31/2001
NSW3447-0093		REPAIR WITH I-FOAM	WH	1 MED HOLE AT TOP: XTC reported very sm hold	7/30/2001
NSW3447-0094		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM: XTC reported several knots that look like holes	7/30/2001
NSW3447-0095		REPAIR WITH I-FOAM	WH	4 MED HOLES: 4 holes, 6 lbs	7/31/2001
NSW3447-0095	Transmission Line	Install new anchoring out of Chippewa River channel	AP	7/30/01 Haffenbredl reported center anchor letting go. Anchors in river bank exposed from eddy currents. Install 3 overhead poles, anchors and down guys.	8/2/2001
NSW3447-0099-A		REMOVE LARGE LOG	DT	LARGE LOG HOOKED ON DOWN GUY: No log on down guy	7/30/2001
NSW3447-0102		REPAIR GROUND WIRE	GW	GROUND WIRE LOOSE AT 20 FT: Restapled	7/31/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3447-0103		REPAIR WITH I-FOAM	WH	Crew to replace pole due to internal rot / carpenter ants	7/31/2001
NSW3447-0104		REPAIR WITH I-FOAM	WH	1 hole, 3 lbs	7/31/2001
NSW3450-0034	Transmission Line	7/9/00 Larry Roeder reported jumper terminals expanding due to water entry. Photos in file	DH	Jumper terminals need attention. 8/23/01 Crew reported all jumpers should be replaced.	11/14/2001
NSW3450-0045	Transmission Line	Missing anchor on 3451 tap	DH	Install anchor and replace wood strains, add 25M guy wire (Soft Track required)	11/13/2001
NSW3450-0045	Transmission Line	INSTALL NEW	GG		11/13/2001
NSW3450-0061		UNSPECIFIED ASSIGNMENT	RW	ENCROACHMENTS - NEW LOOKING POLE LAYING ON R/W!; 8/23/01 Crew reported nothing found on ROW, only tall brush	8/23/2001
NSW3450-0066		REPAIR WITH I-FOAM	WH	NUMEROUS WOODPECKER HOLE(S) REPAIR WITH I-FOAM; 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0066		REINFORCE WITH WOOD STUB	DP-NR	REINFORCE WITH WOOD STUB. 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0068		MONITOR CONDITION	LS	LEANING STRUCTURE - 18 CROSSLINE STRAIGHTEN STRUCTURE / FISHER REPORTS 6/25/96 STR. HAS SETTLED; 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0068		REINFORCE WITH WOOD STUB	DP-NR	REINFORCE WITH WOOD STUB . 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0068		REPAIR WITH I-FOAM	WH	REPAIR WITH I-FOAM. 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0070		REPAIR WITH I-FOAM	WH	NUMEROUS WOODPECKER HOLE(S) REPAIR WITH I-FOAM; 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0073		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0073		CHANGE OUT	DP-NR	CHANGE OUT 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3450-0074		REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM; 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3450-0074		CHANGE OUT	DP-NR	CHANGE OUT 8/23/01 Crew reported this str replaced during line 3413 rebuild.	8/23/2001
NSW3451-0006		REPAIR WITH I-FOAM	WH	Crew replace structure	1/30/2001
NSW3451-0006	CRW	CHANGE OUT	DH	NEED TO HAVE PERMIT TO CROSS RR TRACKS WITH VEHICLE OR WALK INTO STR	1/30/2001
NSW3451-0006		CHANGE OUT GUY WIRE	BG	GUY WIRE RUSTED OFF	1/30/2001
NSW3451-0006		INSTALL DNR APPROVED NESTING STAND	FO	NEST - EXERCISE CAUTION AND RESPECT; TLC reported nest was not there.	1/30/2001
NSW3451-0007	Transmission Line	REPLACE BULBS FOR TWO SINGLE OB AT MID TOWER / ONE DBL BEACON AT TOP	LR	2001 Maintenance: Two Beacon Bulbs 620PS40/P & Two Obstruction Bulbs 116A21/T	10/4/2001
NSW3463-0023	Transmission Line	CHANGE OUT	DP-RR	REJECTED POLE - CAN BE REINFORCED BUT SHOULD IT BE CHANGED OUT? 11/01/01 crew replace pole	11/1/2001
NSW3463-0024	Transmission Line	UNSPECIFIED ASSIGNMENT	RW	UNSPECIFIED ASSIGNMENT. Crew could not find anything	11/1/2001
NSW3463-0025	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	11/1/2001
NSW3463-0029	Transmission Line	REPAIR WITH I-FOAM	WH	WOODPECKER HOLE(S) REPAIR WITH I-FOAM;	10/29/2001
NSW3465-0022	Transmission Line	CHANGE OUT SUSPENSION INSULATION ON TANGENT	FI	4 FLASHED INSULATORS ON BOTTOM PHASE-found no flashed ins. (bird crap)	9/12/2001
NSW3465-0023	Transmission Line	INSTALL NEW	GG	GUY GUARD - MISSING 2; -replaced broken down guys top cond & bottom conductor. Both broke at preform in thimble eye. Regrounded static guy to ground rod.	9/12/2001
NSW3465-0023	Transmission Line	REPAIR	BG	TOP PHASE GUY BROKE (LAYING IN PASTURE)-replaced 1 guy guard	9/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3465-0083	Transmission Line	REPAIR WITH I-FOAM	WH	ource: HELICOPTER PATROL; Description: WOODPECKER HOLE(S);	8/27/2001
NSW3465-0084	Transmission Line	REPAIR WITH I-FOAM	WH	5 HOLES 9 LBS.	8/27/2001
NSW3465-0085	Transmission Line	REPAIR WITH I-FOAM	WH	2 MED HOLES	8/27/2001
NSW3465-0086	Transmission Line	REPAIR WITH I-FOAM	WH	I HOLE 3 LBS.	8/27/2001
NSW3465-0088	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI		8/27/2001
NSW3465-0088	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		8/27/2001
NSW3465-0090	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON DEAD END SOUTH SIDE;	8/27/2001
NSW3465-0090	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		8/27/2001
NSW3465-0104		CHANGE OUT SUSPENSION INSULATION ON TANGENT	FI	FLASHED INSULATOR ON MIDDLE PHASE	8/27/2001
NSW3465-0108	Transmission Line	REPAIR WITH I-FOAM	WH	1 HOLE 3 LBS.	8/27/2001
NSW3465-0112	Transmission Line	INSTALL NEW	DH	NO X-BRACE ON STRUCTURE-cut off top installed pole toppers both poles	9/12/2001
NSW3465-0112	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	WEST AND CENTER PHASES-small crack will last for 15 years	9/12/2001
NSW3465-0112	Transmission Line	VERIFY	DA	CROSS ARM LOOKS CRACKED-changed 8 insulators	9/12/2001
NSW3465-0112	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	POLE TOP ROT-this str need's no x brace	9/12/2001

.Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3465-0113	Transmission Line	INSTALL NEW	DH	NO X-BRACE ON STRUCTURE-this str need s no x brace s. Filled 5 w.p. hole s 9 lbs. Brush at this str. location is 15 ft. tall.	9/12/2001
NSW3465-0114	Transmission Line	REPAIR WITH I-FOAM	WH	__Filled 1 w.p. hole 3 lbs.	9/12/2001
NSW3465-0120	Transmission Line	INSTALL NEW	ID	INSTALL NEW/installed new #12D sign. Pole 119 switch 4L162 cleaned off s.w. grate.	9/12/2001
NSW3470-0569	Transmission Line	REPAIR WITH I-FOAM	WH	COMPLETED ON REBUILD; 5 holes, 102 lbs	4/26/2001
NSW3470-0569	Transmission Line	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/26/2001
NSW3470-0569	Transmission Line	Measure clearances	XX	4/19/01 Roeder reported clearance on North static guy to bottom phase will need to be 4 6 if upgraded to 161kV. Presently unsure which circuit will become 161kV.	4/26/2001
NSW3470-0570	Transmission Line	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/26/2001
NSW3471-0569-1		REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP (GUY STUB)	4/26/2001
NSW3471-0569-1	Transmission Line	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/26/2001
NSW3471-0569-1A	Transmission Line	Install grd rods	DH	4/19/01 Roeder reported no grd rods for static guys. Install & bond.	4/26/2001
NSW3471-0569-1A	Transmission Line	Install pole topper	PT	4/19/01 Roeder reported 80 cut to 50 . Needs topper.	4/26/2001
NSW3472-0007		REMOVE TREES	DT	TREE LEANING TOWARDS LINE (20 FT AWAY) MIDSPAN BETWEEN STR 7 AND 8	12/17/2001
NSW3472-0014	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 3 LBS.	4/4/2001
NSW3472-0014	Hooper	CHANGE OUT CROSSARM	DA	WEST END OF CROSSARM SPLINTERED	4/4/2001
NSW3472-0014	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	4/4/2001
NSW3472-0016	Hooper	CHANGE OUT CROSSARM	DA	1" DECAY ON 1/2 OF ARM	4/4/2001

.Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0018	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM	4/4/2001
NSW3472-0018	Hooper	REPLACE INSULATIOM	FI	WEST & CENTER PHASES	4/5/2001
NSW3472-0021	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM	4/9/2001
NSW3472-0021		CHANGE OUT CROSSARM	DA	ROTTEN CROSSARM 1/2 DOWN (1/2 OF DOUBLE) duplicate	3/21/2001
NSW3472-0023		CHANGE OUT	SA	SOUTH CROSSARM SPLITTING, Roeder review arm - natural crack, arm strong	3/16/2001
NSW3472-0026	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/9/2001
NSW3472-0026	Hooper	REPLACE INSULATIOM	FI	ALL PHASES	4/9/2001
NSW3472-0028	Hooper	CHANGE OUT SUSP INSULATION ON DE STR	IN	1 BROKEN INSULATOR AND 4 FLASHED INSULATORS ON WEST PHASE (SOUTH DEAD END) AND 4 FLASHED INSULATORS ON IDLER STRING (SAME PHASE)	4/10/2001
NSW3472-0029	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/10/2001
NSW3472-0030	Hooper	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT H-FRAME WEST PHASE;	4/10/2001
NSW3472-0033	Hooper	CHANGE OUT CROSSARM	DA	2" OF DECAY ON HALF OF ARM	4/11/2001
NSW3472-0033	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	4/11/2001
NSW3472-0061	Hooper	Replace 1/2 xa	DA	Roeder reports 1/2 xa split	4/17/2001
NSW3472-0061	Hooper	Replace xa	DA	Roeder reports xa damaged	4/17/2001
NSW3472-0070		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	BROKEN INSULATOR - #; Roeder reported bells ok	3/16/2001
NSW3472-0073	Hooper	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	EAST PHASE	4/12/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0073	Hooper	CHANGE OUT	DA	CROSSARM ROT	4/12/2001
NSW3472-0074	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/12/2001
NSW3472-0075	Hooper	REPAIR	ST	HPR INSTALLED SPLIT BOLT / TOPPER ON BOTH POLES	4/24/2001
NSW3472-0075	Hooper	Replace flashed bells	FI	HPR replaced E string, 5 bells	4/24/2001
NSW3472-0075	Hooper	Replace rotten xa's	DA	HPR installed single xa	4/24/2001
NSW3472-0076	Hooper	REPAIR	ST	HPR INSTALLED SPLIT BOLT / TOPPER ON L POLE	4/24/2001
NSW3472-0076	Hooper	Replace flashed bells	FI	HPR replaced bell on E string	4/24/2001
NSW3472-0078	Hooper	CHANGE OUT	DA	CROSSARM ROT. HPR install single xa replacement	4/24/2001
NSW3472-0080	Hooper	INSTALL AERIAL NUMBER #80 - CHECK #85 ALSO	ID	NO AERIAL NUMBER	4/25/2001
NSW3472-0090	Hooper	REPAIR WITH I-FOAM	WH	1 LARGE HOLE	4/18/2001
NSW3472-0106	Hooper	CHANGE OUT CROSSARM	DA	2" ROT ON CROSSARM (TOPSIDE) 1/2 OF DOUBLE	4/17/2001
NSW3472-0107	Hooper	CHANGE OUT SUSPENSION INSULATION	IN	BROKEN INSULATOR ON WEST PHASE	4/17/2001
NSW3472-0109	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/17/2001
NSW3472-0110	Hooper	Replace split crossarm	DA	Roeder reports xa split	4/17/2001
NSW3472-0110	Hooper	INSTALL AERIAL NUMBER	ID		4/17/2001
NSW3472-0111	Hooper	Replace insulation	IN	Roeder reports bells broken on C & E phases	4/17/2001
NSW3472-0112	Hooper	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT H-FRAME CENTER PHASE;	4/17/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0118	Hooper	REPAIR WITH I-FOAM	WH	4 HOLES 3 LBS	4/18/2001
NSW3472-0122	Hooper	Repair holes	WH	Roeder reports wpk damage	4/23/2001
NSW3472-0126		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	WEST PHASE duplicate	3/21/2001
NSW3472-0126	Hooper	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	3 FLASHED INSULATORS ON CENTER PHASE	4/23/2001
NSW3472-0126	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 3 LBS.	4/23/2001
NSW3472-0127		REPAIR WITH I-FOAM	FI	4 HOLES 6 LBS.	4/23/2001
NSW3472-0133	Hooper	REPAIR WITH I-FOAM	WH	2 MED HOLES	4/23/2001
NSW3472-0133	Transmission Line	CHANGE OUT	DA	Roeder found 1/2 crossarm bad on both ends. Replace 1/2.	8/8/2001
NSW3472-0133	Hooper	REPLACE INSULATIOM	FI	WEST PHASE	4/19/2001
NSW3472-0135	Transmission Line	TIGHTEN GUY WIRE	GU	SIDE GUY	11/5/2001
NSW3472-0135	Hooper	CHANGE OUT	AD	1 MISSING AND 1 LIGHTNING DAMAGED: 8/9/01 Haffenbredl reported water is deep. Replaced XA	8/9/2001
NSW3472-0135		CHANGE OUT CROSSARM	DA	ROTTEN CROSSARM - 1/2 OF DOUBLE, duplicate	3/21/2001
NSW3472-0136	Hooper	CHANGE OUT CROSSARM	DA	ROTTEN CROSSARM - 1/2 OF DOUBLE	4/19/2001
NSW3472-0136		CHANGE OUT	FD	BOG SHOE ROTTEN	11/5/2001
NSW3472-0140		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT H-FRAME EAST PHASE; Roeder report scope completed	3/16/2001
NSW3472-0147	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM - 1/2 OF DOUBLE	4/19/2001
NSW3472-0148	Hooper	CHANGE OUT	DA	CROSSARM ROT 1"	4/23/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0149		REPAIR	GW	LOOSE GROUND WIRE AT 5 FT, Roeder reported completed	3/6/2001
NSW3472-0151	Hooper	INSTALL TERMINAL PADS	DH	SWITCH 4R42 - NO SPADES & LOOP SLEEVES: Reversed from LH to RH; replaced damaged rupters with RH rupters; install terminal pads	8/8/2001
NSW3472-0155		REPAIR WITH I-FOAM	WH	4 SMALL HOLES, Roeder reported completed	3/6/2001
NSW3472-0157	Transmission Line	CHANGE OUT SUSPENSION INSULATION ON DE STRUCTURE	IN	REPLACED 6 INSULATORS	5/22/2001
NSW3472-0158	Transmission Line	CHANGE OUT	SA	CROSSARM SPLIT	5/23/2001
NSW3472-0158	Transmission Line	REPAIR WITH POLE TOPPER	PT	REPAIRED BOTH POLES	5/23/2001
NSW3472-0158	Transmission Line	CHANGE OUT INSULATION	IN	REPLACED 5 FLASHED INSULATORS	5/22/2001
NSW3472-0159	Transmission Line	CHANGE OUT	SA	REMOVED LONG SPLINTER 34"X3/4" ARM IS OK	5/23/2001
NSW3472-0160	Transmission Line	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	CENTER PHASE / REPLACED 5 INSULATORS	5/22/2001
NSW3472-0161	Transmission Line	INSTALL TERMINAL PADS	DH	SWITCH 4R41 - INSTALLED, 3 LOAD BREAK BOTTLES, 6 SPADES, 3 LOOP SLEEVES, 1 LATCH, 1 LATCH PIN, REPAIRED GRATES, ADJUSTED SWITCH	5/22/2001
NSW3472-0161	Transmission Line	CHANGE OUT INSULATION	IN	REPLACED 6 DEADEND INSULATORS AND 5 SWITCH POST INSULATORS	5/22/2001
NSW3472-0161	Transmission Line	REPAIR WITH POLE TOPPER	PT	REPAIRED BOTH POLES	5/22/2001
NSW3472-0163	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/26/2001
NSW3472-0163	Hooper	REPAIR WITH I-FOAM	WH	1 HOLE 15 LBS.	4/26/2001
NSW3472-0168	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	5/2/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0168	Hooper	Change out pole	DP	Roeder reports left pole, South, rotten, needs wpk wire - make field judgement if pole needs to be replaced	5/2/2001
NSW3472-0185		UNSPECIFIED ASSIGNMENT	FO	FOREIGN OBJECT - REMOVE PLASTIC FROM CONDUCTOR.; Roeder reported oked	3/16/2001
NSW3472-0186	Hooper	CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	4/26/2001
NSW3472-0187	Hooper	Replace insulation	FI	Roeder reports bells flash on S phase, angle str	4/26/2001
NSW3472-0189	Hooper	REPLACE INSULATIOM	IN	SOUTH PHASE	4/26/2001
NSW3472-0195	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM (1/2 OF DOUBLE)	4/26/2001
NSW3472-0195	Hooper	REPLACE INSULATIOM	IN	NORTH & SOUTH PHASES	4/26/2001
NSW3472-0199	Hooper	CHANGE OUT	SA	CROSSARM SPLIT, Replace insulation	5/1/2001
NSW3472-0200	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	4/30/2001
NSW3472-0200	Hooper	REPLACE INSULATIOM	IN	ALL PHASES	4/30/2001
NSW3472-0209	Hooper	REMOVE TREE STAND	RW	TREE STAND ON POLE; Roeder reported stand not on pole	3/7/2001
NSW3472-0209		REMOVE IF STILL ON ROW	RW	DEER STAND ON ROW duplicate	3/7/2001
NSW3472-0209	Hooper	CHANGE OUT SUSPENSION INSULATION	IN	BROKEN INSULATOR ON NORTH PHASE	5/15/2001
NSW3472-0209	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 3 LBS.	4/26/2001
NSW3472-0210	Hooper	REPAIR WITH I-FOAM	WH	TO SMALL TO FILL	3/7/2001
NSW3472-0210	Hooper	CHANGE OUT SUSPENSION INSULATION	IN	BROKEN INSULATOR ON ALL PHASES	5/1/2001

Equip.No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0210	Hooper	Replace split crossarm	DA	Roeder reports xa split & sagging	5/1/2001
NSW3472-0219	Hooper	REPAIR WITH I-FOAM	WH	5 HOLES 9LBS.	4/26/2001
NSW3472-0220	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 6 LBS.	4/26/2001
NSW3472-0220		CHANGE OUT SUSP INSULATION ON DE STR	IN	CHANGE OUT SUSP INSULATION ON DE STR, Roeder reported ok	3/16/2001
NSW3472-0220		INSTALL AERIAL #220	ID	NO AERIAL NUMBER, Roeder reported ok	3/16/2001
NSW3472-0220		CHANGE OUT CROSSARM	DA	ROTTEN CROSSARM (1/2 OF DOUBLE), Roeder reported ok	3/16/2001
NSW3472-0221		REPAIR	DC	2 BROKEN STRANDS CENTER PHASE EAST SIDE OF RIVER TOWARDS 222, Roeder reported ok	3/16/2001
NSW3472-0221	Hooper	REPAIR WITH I-FOAM	WH	9 HOLES 90LBS.	5/1/2001
NSW3472-0222		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	SOUTH PHASE, Roeder reported ok	3/16/2001
NSW3472-0222		VERIFY	RW	PULP UNDER LINE BETWEEN STR 222 AND 223 - 3/16/2001 Roeder report pile under line	3/16/2001
NSW3472-0224		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CENTER PHASE, Roeder reported ok	3/16/2001
NSW3472-0255	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM - (1/2 OF DOUBLE)	5/15/2001
NSW3472-0255	Hooper	REPLACE INSULATIOM	IN	BOTH OUTSIDE PHASES	5/15/2001
NSW3472-0262	Hooper	CHANGE OUT SUSPENSION INSULATION	FI	FLASHED INSULATOR ON WEST PHASE	5/15/2001
NSW3472-0266		CHANGE OUT SUSP INSULATION ON TANGENT STR	IN	CENTER AND SOUTH PHASES, Roeder reported ok	3/16/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3472-0267	Hooper	UNSPECIFIED ASSIGNMENT	RW	OLD POLE ON R/W	5/15/2001
NSW3472-0267	Hooper	REPAIR WITH I-FOAM	WH	2 HOLES 9 LBS.	5/15/2001
NSW3472-0269	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM - (1/2 OF DOUBLE)	5/15/2001
NSW3472-0271	Hooper	Replace split crossarm	DA	Roeder reports xa split	5/15/2001
NSW3472-0271	Hooper	REPLACE INSULATIOM	IN	BOTH OUTSIDE PHASES	5/15/2001
NSW3472-0272		INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA - NO AERIAL SIGNS STR. 272 - 273 - PRIORITY 3, Roeder reported signs on @ 269 & 278 6/6/2000	3/16/2001
NSW3472-0281		CHANGE OUT	SA	CROSSARM SPLIT, Roeder reported xa ok	3/7/2001
NSW3472-0282		CHANGE OUT	SA	CROSSARM SPLIT, Roeder reported xa ok	3/7/2001
NSW3472-0289	Hooper	CHANGE OUT	SA	CROSSARM SPLIT	5/14/2001
NSW3472-0294	Hooper	CHANGE OUT CROSSARM	DA	SPLIT CROSSARM - (1/2 OF DOUBLE)	5/14/2001
NSW3472-0294	Hooper	Replace bells	IN	Roeder reports broken insulators on W phase	5/14/2001
NSW3472-0298		INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - REMOVE AP NUMBER 20 ON THIS STRUCTURE; duplicate	3/21/2001
NSW3472-0299	Hooper	Remove	ID	Roeder reports old aerial # 20 on str 299, remove	5/15/2001
NSW3472-0299	Hooper	Install	ID	Roeder reports aerial # 300 needs to be installed	5/15/2001
NSW3472-0300		INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - INSTALL AERIAL NUMBER; duplicate	3/21/2001
NSW3472-0300	Hooper	REPAIR WITH I-FOAM	WH	11 HOLES 12 LBS.	5/15/2001
NSW3474-0033		REMOVE TREES	RW	FULL LENGTH TREES LAYING UNDER LINE FROM LOGGING BETWEEN STRS 33 AND 34	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3474-0040		REPAIR WITH I-FOAM	WH	FILLED HOLES INSTALLED SCREEN	10/5/2001
NSW3474-0041		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	10/5/2001
NSW3474-0041		Repair xa	DA	3/9/01 patrol found splintered xa; Zillmer reported xa ok	10/9/2001
NSW3474-0042		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	10/5/2001
NSW3474-0046		UNSPECIFIED ASSIGNMENT	RW	FILLED HOLES 9 LBS, INSTALLED SCREEN	10/5/2001
NSW3474-0060	Trans Construction	CHANGE OUT SUSPENSION INSULATION ON DE STR	IN	3 BROKEN SKIRTS ON MIDDLE PHASE EAST SIDE	10/5/2001
NSW3474-0067	Trans Construction	Change out 1/2 crossarm	SA	CROSS ARM SPLITTING - WEST ARM	10/5/2001
NSW3474-0069	Trans Construction	CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	10/5/2001
NSW3474-0073		REPAIR WITH I-FOAM	WH	NUMEROUS, HAS SCREENING: 3/9/01 Roeder reported black knots under wire cloth	3/9/2001
NSW3474-0076		CHECK AND ADJUST SWITCH	SO	SEECO, BELL CRANK TO REACH ROD NOT RIGHT, 4R48 - 99 HELO REPORTS KUCKLING OPEN & SHOULD BE OPERATED TO MAKE BETTER CONTACT, 3/20/01 Crew discovered wrong handle on switch causing blades to knuckle; Crew installed compression terminals on each	3/20/2001
NSW3474-0079		UNSPECIFIED ASSIGNMENT	DA	LARGE PIECE SPLIT OFF OF ONE ARM - OKAY FOR NOW	11/5/2001
NSW3474-0084	Transmission Line	REPAIR WITH I-FOAM	WH	1 MED HOLE	10/5/2001
NSW3474-0085	Transmission Line	REPAIR WITH I-FOAM	WH	FILLED HOLES INSTALLED CLOTH	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3474-0093	Trans Construction	CHANGE OUT SUSP INSULATION	FI	2 FLASHED INSULATORS ON CENTER PHASE	10/1/2001
NSW3474-0095	Trans Construction	CHANGE OUT	DG	SIDE GUY RUSTED OFF (NEW ANCHOR AND WIRE)	10/1/2001
NSW3474-0097	Trans Construction	INSTALL NEW	BG	NEED ANCHOR AND WIRE	10/1/2001
NSW3474-0097		MONITOR	LS	LEANING STR	11/5/2001
NSW3474-0098		INSTALL NEW	GG	1 MISSING	3/9/2001
NSW3474-0108		REPAIR WITH I-FOAM	WH	FILLED HOLES INSTALLED CLOTH	10/9/2001
NSW3474-0114		REPLACE INSULATION	IN	NORTH & WEST PHASES	10/9/2001
NSW3474-0115		CHANGE OUT SUSPENSION INSULATION ON DE OR ANGLE STR?	FI	FLASHED INSULATOR ON SOUTH PHASE - VERIFY STRUCTURE TYPE	10/9/2001
NSW3474-0115		REPLACE INSULATION	IN	MIDDLE & SOUTH PHASES	10/9/2001
NSW3474-0116		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	10/9/2001
NSW3474-0117		MONITOR	DA	CROSSARM HAS FRESH BULLET DAMAGE, ARM LOOKS FINE	11/5/2001
NSW3474-0118		MONITOR	DA	CROSSARM HAS FRESH BULLET DAMAGE, ARM LOOKS FINE	11/5/2001
NSW3474-0119		UNSPECIFIED ASSIGNMENT	RW	DEER STAND ON POLE	10/9/2001
NSW3474-0122		CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATOR ON SOUTH PHASE	10/9/2001
NSW3474-0122	Transmission Line	REPAIR WITH I-FOAM	WH	FILLED HOLE 24 LBS. INSTALLED WIRE	10/9/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3476-0001	Trans Construction	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT	ROTTEN POLE TOP	10/4/2001
NSW3476-0006	Trans Construction	Change out crossarm	DA	DAMAGED ARM - SOME DECAY SHOWING ON TOP OF ARM BY GROUND WIRE;	10/4/2001
NSW3476-0006	Transmission Line	REMOVE POLE TOP AND CAP WITH POLE TOPPER	PT		10/4/2001
NSW3476-0013	Trans Construction	Change out crossarm	DA	ROTTEN CROSSARM - 2" DOWN ON 1/2 OF DOUBLE	10/4/2001
NSW3476-0017		REMOVE	AD	ARRESTOR DEFECTIVE - 1 BLOWN; Roeder reported bracket in clear.	3/16/2001
NSW3476-0027		VERIFY	RW	FULL LENGTH TREES UNDER LINE BETWEEN STR 27 AND 28	11/5/2001
NSW3476-0032	Transmission Line	UNSPECIFIED ASSIGNMENT	RW	ENCROACHMENTS - OLD POLE PIECES ON R/W;	8/29/2001
NSW3476-0034		REMOVE	AD	ARRESTOR DEFECTIVE - 1 BLOWN; Roeder reported bracket in clear.	3/16/2001
NSW3476-0034	Trans Construction	CHANGE OUT ROTTEN CROSSARM	DA	ROTTEN CROSSARM 2" DOWN ON 1/2 HALF OF DOUBLE	10/4/2001
NSW3476-0039	Trans Construction	REMOVE OLD POLE BUT	RW	OLD POLE BUT ON ROW	8/29/2001
NSW3476-0041	Trans Construction	Replace structure	WH	3 LARGE IN MIDDLE. 3/01 Roeder report str needs to be replaced - left pole hollow for 6 below bottom x-lace. Crossarm is also rotten by N pole	10/3/2001
NSW3476-0042	Trans Construction	Change out pole	DP-NR	CHECK OUT WOODPECKER DAMAGE-99 HELO REPORTS POLE IS HOLLOW - PRIORITY 5. 3/01 Roeder reported pole needs to be replaced - pole hollow for 15 - has been steel trussed	10/3/2001
NSW3476-0043	Trans Construction	Replace pole	DP-NR-P	3/01, Roeder reported pole hollow 15 above trusses. Replace pole	10/2/2001
NSW3476-0044	Trans Construction	Change out pole	DP-NR	CHECK OUT WOODPECKER DAMAGE. 3/01 Roeder reported right pole needs to be replaced.	10/2/2001

Equip. No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3476-0046	Trans Construction	Replace pole	DP-NR-P	3/01, Roeder reported left pole rotten between x-braces above trusses. Replace pole	10/2/2001
NSW3476-0047		CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	FLASHED INSULATOR - REPLACE INSULATION ON TANGENT SOUTH PHASE; 19971155 will handle this problem, str replaced	3/22/2001
NSW3476-0047		UNSPECIFIED ASSIGNMENT	DH	THREE ARRESTERS BLOWN. 19971155 will handle this problem, str replaced	3/22/2001
NSW3476-0047		INSTALL NEW	DA	1 1/2 - 2 OF DECAY ON TOP OF WEST ARM- 99 HELO REPORTS ROT IS 3 DOWN ON 1/2 HALF OF DOUBLE - PRIORITY 5. 19971155 will handle this problem, str	3/22/2001
NSW3476-0047	Trans Construction	Replace structure	DP-RR-P	CHANGE OUT. 3/01 Roeder reported right pole needs to be replaced - pole setting in wet location, crossarm is bad, insulation is flashed. Change out structure - need culverts.	9/6/2001
NSW3476-0047		CHANGE OUT	DP-NR	CHANGE OUT. 19971155 will handle this problem, str replaced	3/22/2001
NSW3477-0029	Transmission Line	INSTALL NEW	GG	1 GUARD replaced by TLC	11/6/2001
NSW3477-0081	Transmission Line	REPAIR LOOSE POLE GROUND	GW	10' POLE GOUND LOOSE; restapled	11/5/2001
NSW3477-0082	Transmission Line	Remove arrester	DH	REMOVE PROTECTOR	11/5/2001
NSW3477-0084	Transmission Line	MONITOR CONDITION	PF	CHECKED BY HELICOPTER; TLC reported slight burn near ground. No problem.	11/5/2001
NSW3477-0084	Transmission Line	REPAIR	GW	LOOSE POLE GROUND FOR 4 FEET	11/5/2001
NSW3477-0092	Transmission Line	Remove arrester	AD	ARRESTOR MISSING; TLC reported device gone	11/5/2001
NSW3477-0098	Transmission Line	Remove arrester	DH	PROTECTOR BROKEN - REMOVE; TLC reported device gone	11/5/2001
NSW3477-0100	Transmission Line	Remove arrester	DH	REMOVE PROTECTOR; TLC reported device gone	11/5/2001
NSW3477-0108	Transmission Line	REPAIR	GW	GROUND WIRE IS LOOSE 20 UP THE POLE; TLC restapled grd wire	11/5/2001
NSW3477-0155	Transmission Line	INSTALL 1 GUY GUARD	GG	1 GUY GUARD MISSING; TLC replace GG & drowned Suzuki	11/5/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3477-0160	Transmission Line	INSTALL 1 GUY GUARD	GG	1 GUY GUARD MISSING; TLC replaced GG	11/6/2001
NSW3477-0235	Transmission Line	Remove arrester	DH	BLOWN ARRESTER; TLC remove device	11/6/2001
NSW3477-0237	Transmission Line	Remove arrester	AD	ARRESTOR DEFECTIVE; TLC remove device	11/6/2001
NSW3477-0239	Transmission Line	Remove arrester	DH	BLOWN ARRESTER; TLC removed device	11/6/2001
NSW3477-0244	Transmission Line	Remove arrester	AD	ARRESTOR DEFECTIVE; TLC removed device	11/6/2001
NSW3477-0245	Transmission Line	Remove arrester	AD	REMOVE PROTECTOR; TLC removed device	11/6/2001
NSW3477-0247	Transmission Line	Remove arrester	DH	AP reported damaged protector: TLC removed device	11/6/2001
NSW3477-0455	Transmission Line	Remove arrester	DH	1 LIGHTNING ARRESTER; TLC reported arrestor is good.	11/6/2001
NSW3477-0457	Transmission Line	Remove arrester	DH	I LIGHTNING ARRESTER; TLC reported arrestor is good.	11/6/2001
NSW3482-0122	Transmission Line	Repair jumper and replace full tension compression dead-end	DC	DAMAGED CONDUCTOR	12/17/2001
NSW3484-0002	Transmission Line	INSTALL VIBRATION DAMPER	VD	DAMPER BENT ON 1ST STEEL STRUCTURE - Replace under RO 19951166	10/24/2001
NSW3484-0090		REPAIR WITH I-FOAM	WH	DUPLICATE ENTRY	5/21/2001
NSW3485-0026	Eau Claire Crew	Replace existing posts with 88kV horizontal posts	FI	6/24/01 - Trouble reported flashed posts. 6/25, Roeder reported Top & Bottom posts flashed. May need to replace armor rod if burned bad. Pete Ring replace T & B posts, rod/conductor ok	6/27/2001
NSW3485-0027		MONITOR CONDITION	FO	INSULATORS SHOW CONTAMINATION, replace under 20011273	6/27/2001
NSW3485-0027		REPLACE INSULATION	FI	TOP PHASE, replace under 20011273	6/27/2001
NSW3485-0027	Eau Claire Crew	Replace existing posts with 88kV horizontal posts	FI	6/24/01 - Trouble reported flashed posts. 6/25, Roeder reported Top & Middle posts flashed. Str has candle sticks and 69kV posts. Pete Ring replace all posts, armor rod/ conductor ok	6/27/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3485-0042	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3485-0044	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3485-0047	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3485-0048		REPLACE INSULATION	FI	DUPLICATE RECORD	5/9/2001
NSW3485-0051	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3485-0063	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3485-0064	Transmission	INSTALL WARNING SIGN	ID	Pilot wanted warning signs for street lights	9/20/2001
NSW3488-0014	Transmission Line	Snap down armor rod	DH	5/13/99 Roeder reported armor rod on bottom phase loose	8/28/2001
NSW3488-0015	Transmission Line	Install Pole Screen	XX	Installed Wire Cloth on pole	8/28/2001
NSW3488-0016	Transmission Line	Install Pole Screen	XX	Installed Wire Cloth on pole	8/28/2001
NSW3488-0017	Transmission Line	Install Pole Screen	XX	Installed Wire Cloth on pole	8/28/2001
NSW3488-0018	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/27/2001
NSW3488-0019	Transmission Line	Install I-Foam / Wire Cloth	WH	Numerious holes; 42lbs	8/27/2001
NSW3488-0020	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/27/2001
NSW3488-0021	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/27/2001
NSW3488-0022	Transmission Line	Install I-Foam / Wire Cloth	WH	6/12/01 Roeder reported pole looks hollow; 22lbs	8/27/2001
NSW3488-0023	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes; 14lbs	8/27/2001

Equip.No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3488-0024	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes; 36lbs	8/27/2001
NSW3488-0025	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes 17lbs	8/27/2001
NSW3488-0026	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody! Zillmer installed wire cloth also at 26-1 & 2; 3 lbs	9/12/2001
NSW3488-0027	Transmission Line	Install I-Foam / Wire Cloth	WH	Numerious holes 24lbs	8/28/2001
NSW3488-0028	Transmission Line	Install Pole Screen	XX	Installed Wire Cloth on pole	8/28/2001
NSW3488-0029	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes 3lbs	8/28/2001
NSW3488-0030	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes 3lbs	8/28/2001
NSW3488-0031	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes 15lbs	8/27/2001
NSW3488-0032	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/28/2001
NSW3488-0033	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/28/2001
NSW3488-0033	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	8/28/2001
NSW3488-0034	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody! 3lbs	9/5/2001
NSW3488-0035	Transmission Line	Install I-Foam / Wire Cloth	WH	Holes 6lbs	9/5/2001
NSW3488-0036	Transmission Line	Install Wire Cloth	WH	Potiential meal for Woody!	9/5/2001
NSW3493-0020		INSTALL AERIAL NUMBER	ID		11/27/2001
NSW3604-0511		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0579		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3604-0580		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0581		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0590		INSTALL AERIAL NUMBER	ID	COMPLETED ON REBUILD	6/28/2001
NSW3604-0611		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0612		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0616		MONITOR CONDITION	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0618		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0632		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0632		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0633		RESET POLE	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0633		MONITOR	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0638		MONITOR CONDITION	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0653		MONITOR	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0658		MONITOR	LS	COMPLETED ON REBUILD	6/28/2001
NSW3604-0660		MONITOR	LS	COMPLETED ON REBUILD	6/28/2001
NSW3607-0043-A	Hooper	74.71.86; CHANGE OUT OVERHEAD GUY POLE 40/3	PT	POLE TOP ROTTEN; 99 HELO RECOMMENDS CHANGING OUT STRUCTURE	6/26/2001
NSW3607-0045	Hooper	74.71.86; DAMAGED XA; POSSIBLE STRUCTURE CHANGE OUT, TB0201 45/3.	DA	ROTTEN CROSSARM;99 HELO RECOMMENDS STR BE CHANGED OUT - PRIORITY 5	9/26/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3607-0052		CHANGE OUT SINGLE XA ON TB0201 STR INCLUDING POSTS	DA	ROTTEN CROSSARM	9/26/2001
NSW3607-0052		VERIFY	RW	PULP PILE UNDER LINE	10/8/2001
NSW3607-0053		CHANGE OUT SINGLE XA ON TB0201 STR INCLUDING POSTS	DA	ource: HELICOPTER PATROL; Description: DAMAGED ARM - REPLACE THE ROTTEN TRIANGULAR ARM;	9/26/2001
NSW3607-0159		VERIFY	XX	POLE IS BOWING INTO ANLE SEVERELY	10/8/2001
NSW3607-0203		CHANGE OUT SINGLE XA ON TB0201 STR INCLUDING POSTS	DA		7/6/2001
NSW3610-0074		MONITOR	LS	STR LEANING	12/14/2001
NSW3610-0167	HPR	CHANGE OUT SUSP INSULATION ON DE STR	FI	FLASHED INSULATOR - CENTER PHASE SOUTH SIDE - REPLACE INSULATION ON DEADEND H-FRAME; no flashed bells	3/22/2001
NSW3610-0167		REPAIR	SO	AP reported insulator hanging off Glidden Switch, str 168	3/22/2001
NSW3611-0302		VERIFY	RW	PULP ON ROW	12/14/2001
NSW3622-0037		REMOVE TREES	DT	TREES UNDER LINE AND GETTING CLOSE TO LINE	12/17/2001
NSW3626-0022	Ironwood Crew	CHANGE OUT SUSPENSION INSULATION ON ANGLE STR	FI	FLASHED INSULATORS ON TOP, MIDDLE, AND BOTTOM PHASES	5/1/2001
NSW3626-0023	Ironwood Crew	CHANGE OUT SUSP INSULATION ON TANGENT STR	FI	TOP PHASE (3 INSULATOR SIDE)	5/1/2001
NSW3626-0216		UNSPECIFIED ASSIGNMENT	RW	PULP UNDER LINE STR 216-217	12/14/2001
NSW3628-0246	HPR	74.71.13 CHANGE OUT TB0201(C) 45/3	PT	POLE TOP ROT - REPAIR WITH BAYONET OR I-FOAM;	1/11/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3629-0216	Hooper	CHANGE OUT TB 0204 (F) 55/3 & REMOVE 3 DOWN GUYS, LEAVE ONE TO HOLD ANGLE	DA	ROTTEN CROSSARM 4/01 Roeder reported str needs replacement; 55/3 Str	12/28/2001
NSW3629-0377	Ironwood Crew	UNSPECIFIED ASSIGNMENT	XX	NEW POLE LAYING ON ROW - Reuse in line for work scope.	5/16/2001
NSW3629-0415	Ironwood Crew	REPAIR WITH I-FOAM	WH	1 LARGE HOLE BETWEEN MESH (INDIANHEAD SUB SWITCH) Roeder reported this is the switch pole. Holes filled and mesh had been applied.	4/20/2001
NSW3629-0512	Hooper	CHANGE OUT TB 0201 (C) 50/3	LS	LEANING 2 FT CROSSLINE 4/01 Roeder reported str needs replacement; 50/3 Str	12/17/2001
NSW3629-0513	Hooper	CHANGE OUT TB 0201 (C) 50/3	LS	LEANING 2 FT CROSSLINE 4/01 Roeder reported str needs replacement; 50/3 Str	12/18/2001
NSW3629-0518	Hooper	CHANGE OUT TB 0203 (C) 45/3	DA	ROTTEN CROSSARM 4/01 Roeder reported str needs replacement; 45/3 Str	12/18/2001
NSW3630-0041		Replace broken bells	IN	5/25/01 IRW crew replaced 6 bells shot out. L. Erickson to contact police to report vandalism.	5/25/2001
NSW3630-0100	HPR	INSTALL AERIAL NUMBER	ID	IDENTIFICATION MISSING - INSTALL AERIAL NUMBER; duplicated	4/10/2001
NSW3630-0169	Ironwood Crew	TIGHTEN GUY WIRES	GU	DOWN GUYS LOOSE 4/19/01 Roeder reported not enough angle to make guy tighter, pulls pole over.	4/19/2001
NSW3631-0006	Ironwood Crew	CHANGE OUT SUSP INSULATION ON DE STR	FI	FLASHED INSULATOR(S) - 2 TOP PHASE - DEADEND STR.; Roeder reports str dbl cir with 3607-0459. Str has all new glass	4/20/2001
NSW3631-0037	Ironwood Crew	BANDAGE POLE	RW	ENCROACHMENTS - SOMEONE HAS FILLED IN AROUND STRUCTURE AT LEAST BANDAGE POLE; Roeder reported new pole, grd line within incised area	4/20/2001
NSW3631-0042	Hooper	Change out 45/3 TB 0203 (C)	PF	BURN ON POLE BY CENTER PHASE - POSSIBLE INSULATOR FAILURE - RECOMMEND CHANGING OUT STRUCTURE - PRIORITY 4 Roeder verified str is 3607-0442. Replaced under 19981036.	10/23/2001
NSW3631-0046	Ironwood Crew	REMOVE TREES	DT	TREE TOPS BURNING, Roeder reported to Bill Mackie tree burning	4/20/2001

Equip No	Assigned To:	Task	Prob Code:	Prob Comments	Date Completed:
NSW3631-0051	Ironwood Crew	REPAIR	PT	POLE TOP ROT - REPAIR WITH BAYONET OR I-FOAM; Roeder report pole changed out in 1998	4/20/2001
NSW3631-0058	Ironwood Crew	CHANGE OUT POST INSULATOR VERTICLE	IN	BROKEN INSULATOR - CAP TYPE REPLACE INSULATION ON TANGENT TRIANGULAR; Roeder reported insulator replaced	4/20/2001
NSW3631-0064	Ironwood Crew	CHANGE OUT SUSP INSULATION ON DE STR	FI	TOP PHASE NORTHWEST SIDE - Str schd for replacement under 19956540	4/20/2001
NSW3631-0070	Ironwood Crew	INSTALL NEW	ID	IDENTIFICATION MISSING - INSTALL AERIAL NUMBER; Roeder reported aerial numbers intact.	4/11/2001
NSW3633-0001	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	ONLY ONE SIGN NEEDED installed 5/31/00 @ #1	11/5/2001
NSW3635-0266		REMOVE	RW	TREES PILED TO FILL DITCH	11/5/2001
NSW3635-0268		REMOVE	RW	TREES PILED TO FILL DITCH	11/5/2001
NSW3635-0309		REMOVE	RW	OLD POLE BUTTS	11/5/2001
NSW3635-0323		REMOVE	RW	OLD POLE BUTTS	11/5/2001
NSW3635-0405	Transmission	INSTALL ANTENNA WARNING SIGNS 1/4 MILE BOTH SIDES OF THIS STRUCTURE	ID	NEW ANTENNA; 99 HELO REPORTS NO WARNING SIGNS INSTALLED - PRIORITY 3	11/5/2001
NSW3639-0004	Ironwood Crew	CHANGE OUT	DP-NR	CHANGE OUT - Replace in 1996	4/19/2001