Xcel Energy

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RECEIVED
Electric Division

Hand Delivered

November 5, 2002

Mr. Scot Cullen
Assistant Administration Electric Division
Public Service Commission of Wisconsin
610 North Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

Re: Northern States Power Company – Wisconsin's Generator Unit Performance Data
PSC 113.0607(6)

Dear Scot:

Enclosed for filing is a copy of Northern States Power Company – Wisconsin's, d/b/a Xcel Energy, Generator Unit Performance Data for 2000 and 2001 for generators greater than 50 MW. This report is being filed pursuant to the requirement of Wisconsin Administrative Code PSC 113.0607(6).

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: Ken Detmer PSCW

Norther States Power Company - WI
d/b/a/ Xcel Energy

11/5/2002

Generator Unit Performance Data

PSC 113.0607(6)

Data for the period of January 1, 2000 through December 31, 2000

GENERATOR UNIT	Technology Type and Primary Fuel	Net Dependable Capacity - Summer	Net Dependable Capacity - Winter	Net Capacity Factor	Forced Outage Factor	Planned Outage Factor	Net Heat Rate (BTU/KWH)	Net Generation (MWH)	Fuel Consumed (million CF gas)	Fuel Consumed (barrels of oil)
Wheaton 1	CT - gas	56	71		18.00	17.6				
Wheaton 2	CT - gas	64	73		-	49.5				
Wheaton 3	CT - gas	57	71		2.21	17.5				
Wheaton 4	CT - gas	56	71		-	32.4				
Wheaton 5	CT - oil	58	77		12.29	11.3			N/A	
Wheaton 6	CT - oil	54	78		-	10.0			N/A	
Wheaton site total				1.30			12,055	40,458	279	35,305
French Island 3	CT - oil	77	96	0.50	93.21	13.0	14,045	3,185	N/A	7,608
French Island 4	CT - oil	77	96	0.60	46.61	15.2	16,069	3,783	N/A	10,338
1	2	3	4	5	6	7	8	9	10	11

Northern States Power Company - WI d/b/a Xcel Energy

Generator Unit Performance Data
PSC 113.0607(6)

Data for the period of January 1, 2001 through December 31, 2001

GENERATOR UNIT	Technology Type and Primary Fuel	Net Dependable Capacity - Summer	Net Dependable Capacity - Winter	Net Capacity Factor	Forced Outage Factor	Planned Outage Factor	Net Heat Rate (BTU/KWH)	Net Generation (MWH)	Fuel Consumed (million CF gas)	Fuel Consumed (barrels of oil)
Wheaton 1	CT - gas	56	71	2.66	58.55	30	13,978	16,546	220	1,920
Wheaton 2	CT - gas	64	73	2.48	29.42	3.7	14,328	17,621	236	2,808
Wheaton 3	CT - gas	57	71	3.77	11.39	1.3	13,683	23,425	298	3,837
Wheaton 4	CT - gas	56	71	2.4	23.83	1.4	13,846	14,958	190	2,915
Wheaton 5	CT - oil	58	77	0.97	22.76	20.7	16,103	6,365		17,297
Wheaton 6	CT - oil	54	78	0.74	71.63	25.4	15,030	5,139		13,476
French Island 3	CT - oil	73	95	0.89	29	2	17,295	7,235		21,280
French Island 4	CT - oil	74	93	0.83	22.48	8.1	17,011	6,745		19,513
1	2	3	4	5	6	7	8	9	10	11