



414 Nicollet Mall – MP4
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March 22, 2013

L-XE-13-03
10 CFR 50.75(f)(1)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Prairie Island Nuclear Generating Plant,
Units 1 and 2
Dockets 50-282, 50-306
Renewed License Nos. DPR-42 and DPR-60

Monticello Nuclear Generating Plant
Docket 50-263
Renewed License No. DPR-22

Decommissioning Funding Status Reports

The enclosed decommissioning funding status reports are being submitted in accordance with 10 CFR 50.75, "Reporting and Recordkeeping for Decommissioning Planning," Paragraph (f)(1), for Monticello Nuclear Generating Plant and Prairie Island Nuclear Generating Plant. As holder of the plant operating licenses, Northern States Power Company, a Minnesota corporation (NSPM) d/b/a Xcel Energy is submitting these reports. The financial information presented herein, is current as of December 31, 2012.

Summary of Commitments

This letter contains no new commitments and no revisions to existing commitments.

A handwritten signature in cursive script that reads 'Martin C. Murphy'.

Martin C. Murphy
Director, Nuclear Licensing and Regulatory Affairs
Northern States Power Company – Minnesota

Enclosures (8)

cc: Administrator, Region III, USNRC
Project Managers, above listed plants, USNRC
NRC Resident Inspectors, above listed plants, USNRC

ENCLOSURES

Enclosure	Plant	Title
1	Prairie Island Nuclear Generating Plant, Unit 1 (PI1)	Decommissioning Funding Status Report
2	Prairie Island Nuclear Generating Plant, Unit 2 (PI2)	Decommissioning Funding Status Report
3	Monticello Nuclear Generating Plant (MNGP)	Decommissioning Funding Status Report
4	All	Xcel Energy Breakdown of Annual Contributions and Trust Fund Balance (RIS 2001-07)
5	All	Nuclear Decommissioning Accrual Calculation - Radiological
6	All	Nuclear Decommissioning Accrual Calculation – Spent Fuel
7	All	Nuclear Decommissioning Accrual Calculation – Site Restoration
8	All	Xcel Energy Trust Fund Balances – 2011 and 2012

ENCLOSURE 1

Prairie Island Nuclear Generating Plant, Unit 1 Docket No. 50-282 Renewed License No. DPR-42 Decommissioning Funding Status Report

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC on a calendar year basis beginning March 31, 1999, and every two years thereafter on the status of its decommissioning funding for each reactor or share of reactor it owns.

1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c), in 2012 dollars. **\$445,470,178**

2. The amount accumulated at the end of the calendar year preceding the date of the report.
(See Enclosure 4 for segmentation of Radiological Decommissioning, Spent Fuel Management, and Site Restoration Trust Funds Balances).
- | | |
|---------------------------|---------------|
| External Qualified | \$285,827,440 |
| External Escrow | \$0 |
| Total | \$285,827,440 |

3. A schedule of the annual amounts remaining to be collected for radiological costs through rates from customers.
- | | |
|-----------------------|-------------------------|
| Annual Annuity | Years to Collect |
| \$0 | 20.8 yrs |

4. Assumptions used regarding escalation in decommissioning costs, rate of earnings on decommissioning funds and rates of other factors used in funding projections.

Plant Owner (% Ownership)	Rate of Earnings (Nominal Rate Of Return)	Escalation Factor (Inflation)	Real Rate of Return (Projected)
Xcel Energy (100%) - PINGP Unit 1 – During Operations (Radiological)	5.50%	3.63%	1.87%
Xcel Energy (100%) - PINGP Unit 1 – Post-Shutdown (Radiological)	4.66%	3.63%	1.03%

Basis for Allowance:

Xcel Energy files a triennial decommissioning study with the Minnesota Public Utilities Commission (MPUC) for approval. A portion of the study is dedicated to an analysis of inflation factors surrounding the various components necessary to perform the decommissioning function. The analysis utilizes long-range inflation projections published by Global Insight, the Consumer Price Index, and the Chained Price Index for Gross Domestic Product, as well as other forecasted data. Note: These rates apply to external funds only for radiological decommissioning. The rate of earnings and escalation factors were approved by the MPUC in the most recent triennial decommissioning study completed by the company, MPUC Docket No. E002/M-11-939, effective December 4, 2012. The projected real rate of return of 1.87% during operations and 1.03% post-shutdown would accumulate sufficient decommissioning funds by the current 2033 end of license date.

5. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e) (1) (v). None
6. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report. None
7. Any material changes to trust agreements. None

ENCLOSURE 2

Prairie Island Nuclear Generating Plant, Unit 2 Docket 50-306 Renewed License DPR-60 Decommissioning Funding Status Report

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC on a calendar year basis beginning March 31, 1999, and every two years thereafter on the status of its decommissioning funding for each reactor or share of reactor it owns.

1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c), in 2012 dollars. **\$445,470,178**

2. The amount accumulated at the end of the calendar year preceding the date of the report.
(See Enclosure 4 for segmentation of Radiological Decommissioning, Spent Fuel Management, and Site Restoration Trust Funds Balances).
- | | |
|---------------------------|---------------|
| External Qualified | \$359,833,423 |
| External Escrow | \$0 |
| Total | \$359,833,423 |

3. A schedule of the annual amounts remaining to be collected for radiological costs through rates on customers.
- | | |
|-----------------------|-------------------------|
| Annual Annuity | Years to Collect |
| \$0 | 21.8 yrs |

4. Assumptions used regarding escalation in decommissioning costs, rate of earnings on decommissioning funds and rates of other factors used in funding projections.

Plant Owner (% Ownership)	Rate of Earnings (Nominal Rate Of Return)	Escalation Factor (Inflation)	Real Rate of Return (Projected)
Xcel Energy (100%)- PINGP Unit 2 – During Operations (Radiological)	5.53%	3.63%	1.90%
Xcel Energy (100%)- PINGP Unit 2 – Post-Shutdown (Radiological)	4.57%	3.63%	0.94%

Basis for Allowance:

Xcel Energy files a triennial decommissioning study with the Minnesota Public Utilities Commission (MPUC) for approval. A portion of the study is dedicated to an analysis of inflation factors surrounding the various components necessary to perform the decommissioning function. The analysis utilizes long-range inflation projections published by Global Insight, the Consumer Price Index, and the Chained Price Index for Gross Domestic Product, as well as other forecasted data. Note: These rates apply to external funds only for radiological decommissioning. The rate of earnings and escalation factors were approved by the MPUC in the most recent triennial decommissioning study completed by the company, MPUC Docket No. E002/M-11-939, effective December 4, 2012. The projected real rate of return of 1.90% during operations and 0.94% post-shutdown would accumulate sufficient decommissioning funds by the current 2034 end of license date.

5. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e) (1) (v). None
6. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report. None
7. Any material changes to trust agreements. None

ENCLOSURE 3

Monticello Nuclear Generating Plant Docket No. 50-263 Renewed License No. DPR-22 Decommissioning Funding Status Report

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC on a calendar year basis beginning March 31, 1999, and every two years thereafter on the status of its decommissioning funding for each reactor or share of reactor it owns.

- | | |
|---|---------------|
| 1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c), in 2012 dollars. | \$603,837,325 |
|---|---------------|

- | | | |
|---|---------------------------|---------------|
| 2. The amount accumulated for Radiological Decommissioning at the end of the calendar year preceding the date of the report.
(See Enclosure 4 for segmentation of Radiological Decommissioning, Spent Fuel Management, and Site Restoration Trust Funds Balances). | External Qualified | \$387,900,320 |
| | External Escrow | \$19,284,278 |
| | Total | \$407,184,598 |

- | | | |
|--|-----------------------|-------------------------|
| 3. A schedule of the annual amounts remaining to be collected for radiological costs through rates from customers. | Annual Annuity | Years to Collect |
| | \$5,555,927 | 17.75 yrs |

4. Assumptions used regarding escalation in decommissioning costs, rate of earnings on decommissioning funds and rates of other factors used in funding projections.

Plant Owner (% Ownership)	Rate of Earnings (Nominal Rate Of Return)	Escalation Factor (Inflation)	Real Rate of Return (Projected)
Xcel Energy (100%)- Monticello – During Operations (Radiological)	5.35%	3.63%	1.72%
Xcel Energy (100%)- Monticello – Post-Shutdown (Radiological)	4.82%	3.63%	1.19%

Basis for Allowance:

Xcel Energy files a triennial decommissioning study with the Minnesota Public Utilities Commission (MPUC) for approval. A portion of the study is dedicated to an analysis of inflation factors surrounding the various components necessary to perform the decommissioning function. The analysis utilizes long-range inflation projections published by Global Insight, the Consumer Price Index, and the Chained Price Index for Gross Domestic Product, as well as other forecasted data. Note: These rates apply to external funds only for radiological decommissioning. The rate of earnings and escalation factors were approved by the MPUC in the most recent triennial decommissioning study completed by the company, MPUC Docket No. E002/M-11-939, effective December 4, 2012. The projected real rate of return of 1.72% during operations and 1.19% post-shutdown would accumulate sufficient decommissioning funds by the current 2030 end of license date.

- | | |
|---|------|
| 5. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e) (1) (v). | None |
| 6. Any modifications to a licensee's method of providing financial assurance occurring since the last submitted report. | None |
| 7. Any material changes to trust agreements. | None |

ENCLOSURE 4

Prairie Island Nuclear Generating Plant (PINGP) Units 1 and 2
Dockets 50-282 and 50-306
Renewed License Nos. DPR-42 and DPR-60
Monticello Nuclear Generating Plant (MNGP)
Docket 50-263

Renewed License No. DPR-22

Xcel Energy Breakdown of Annual Contributions and Trust Fund Balance

The following table is the radiological decommissioning, spent fuel management, and site restoration segmentation of the trust fund balances for PINGP Units 1 and 2 and MNGP.

Please note that since our last biennial funding status report, Xcel Energy has rebalanced the amount of funds allocated between the three cost components of decommissioning. This was done to properly balance funds against our new decommissioning cost study and to ensure proper funding for all three components. To see the split of the total fund balance in the cost components, please see Enclosure 8.

Trust Fund Balances

Prairie Island Unit 1	2012	2013
Radiological Decommissioning	267,210,295	285,827,440
Spent Fuel Management	114,800,302	122,798,698
Site Restoration	37,827,353	40,462,870
Total	419,837,949	449,089,008

Prairie Island Unit 2	2012	2013
Radiological Decommissioning	327,178,577	359,833,423
Spent Fuel Management	110,374,020	121,390,165
Site Restoration	20,968,131	23,060,906
Total	458,520,727	504,284,493

Monticello	2012	2013
Radiological Decommissioning	348,825,446	407,184,598
Spent Fuel Management	96,106,979	112,185,858
Site Restoration	14,390,360	16,797,894
Total	459,322,785	536,168,350

ENCLOSURE 4 cont.

The following annual contributions table shows the approximate accrual segmentation for radiological decommissioning, spent fuel management, and site restoration for PINGP Units 1 and 2 for 2013. There were no contributions made to MNGP or PINGP Trust Funds for 2012. Please see Enclosure 5 for the calculation of annual contributions for radiological decommissioning. Please see Enclosure 6 for the calculation of annual contributions for spent fuel management. Please see Enclosure 7 for the calculation of annual contributions for site restoration.

Annual Contributions

Prairie Island Unit 1

	2012	2013
Radiological Decommissioning	0	0
Spent Fuel Management	0	471,837
Site Restoration	0	471,837
Total	0	943,673

Prairie Island Unit 2

	2012	2013
Radiological Decommissioning	0	0
Spent Fuel Management	0	1,094,077
Site Restoration	0	1,412,290
Total	0	2,506,367

Monticello Unit 1

	2012	2013
Radiological Decommissioning	0	5,555,927
Spent Fuel Management	0	10,755,339
Site Restoration	0	2,055,528
Total	0	18,366,794

ENCLOSURE 5

Nuclear Decommissioning Accrual Calculation - Radiological

4 pages follow

ENCLOSURE 5

Levelized (beginning of year payment, mid year interest)

ANNUAL ACCRUAL SUMMARY - RADIOLOGICAL

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Present Value to Decommission	Recovered Through 12/31/2012	Radiological Decommissioning Accrual
	(9)	(10)	(10)	(5)	(11)	(12)
EXTERNAL FUND						
Monticello	17.75	5.35%	4.82%	\$1,204,831,884	\$407,184,598	5,555,927
Prairie Island Unit 1	20.80	5.50%	4.66%	879,842,710	285,827,440	0
Prairie Island Unit 2	21.80	5.53%	4.57%	1,175,904,702	359,833,423	0
TOTAL DECOMMISSIONING ACCRUAL				\$3,260,579,296	\$1,052,845,460	\$5,555,927

INPUT DATA

Escalation Rate (Operation/Radiological)	3.63%	(a)
Escalation Rate (ISFSI/Site Restoration)	2.63%	(a)
Jurisdictional Factor	100.0000%	(b)
IRS Tax Qualified Percent	100.00%	(c)
External Percent	100.00%	(d)

NOTES

Input Data

- (a) = Inflation rate from current filing documentation
- (b) = Minnesota jurisdictional percent from last electric rate case
- (c) = IRS qualifying percent based upon 2005 Energy Policy Act
- (d) = Recommended external funding

Amount to Recover

- (1) = Current cost estimate by year from TLG Cost Study, 2011.
- (2) = Jurisdictional Nominal Cost = (1) x (c)
- (3) = Future Value of jurisdictional nominal cost
- (4) = Discount factor based upon the applicable earnings rate for present value calculation
- (5) = Present value to decommission at the start of 2012

Decommissioning Accrual

- (9) = Remaining life based on E,G002/D-11-144
- (10) = Fund earnings rate
- (11) = Fund balances to date
- (12) = Annuity or decommissioning accrual

ENCLOSURE 5

*Levelized (beginning of year payment, mid year interest)***AMOUNT TO RECOVER - RADIOLOGICAL**

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Monticello			3.63%			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.82%</i>	<i>2030</i>
2030	\$18,322,903	\$18,322,903	1.9689	\$36,075,964	1.00000	\$36,075,964
2031	75,519,265	75,519,265	2.0404	154,089,508	0.95402	147,004,473
2032	137,152,490	137,152,490	2.1144	289,995,225	0.91015	263,939,154
2033	98,485,327	98,485,327	2.1912	215,801,048	0.86830	187,380,050
2034	64,788,675	64,788,675	2.2707	147,115,643	0.82837	121,866,185
2035	47,657,043	47,657,043	2.3532	112,146,553	0.79028	88,627,178
2036	14,400,233	14,400,233	2.4386	35,116,407	0.75394	26,475,664
2037	14,360,888	14,360,888	2.5271	36,291,399	0.71927	26,103,315
2038	14,360,888	14,360,888	2.6188	37,608,293	0.68619	25,806,434
2039	14,360,888	14,360,888	2.7139	38,974,013	0.65464	25,513,948
2040	14,400,233	14,400,233	2.8124	40,499,214	0.62454	25,293,379
2041	14,360,888	14,360,888	2.9145	41,854,807	0.59582	24,937,931
2042	14,360,888	14,360,888	3.0203	43,374,189	0.56842	24,654,756
2043	14,360,888	14,360,888	3.1299	44,948,142	0.54228	24,374,479
2044	14,400,233	14,400,233	3.2436	46,708,594	0.51735	24,164,691
2045	26,521,966	26,521,966	3.3613	89,148,285	0.49356	44,000,028
2046	42,748,794	42,748,794	3.4833	148,906,876	0.47086	70,114,291
2047	7,279,588	7,279,588	3.6098	26,277,856	0.44921	11,804,276
2048	672,833	672,833	3.7408	2,516,933	0.42855	1,078,632
2049	-	0	3.8766	0	0.40885	0
2050	-	0	4.0173	0	0.39005	0
2051	-	0	4.1631	0	0.37211	0
2052	-	0	4.3143	0	0.35500	0
2053	-	0	4.4709	0	0.33868	0
2054	-	0	4.6332	0	0.32310	0
2055	-	0	3.1338	0	0.30825	0
2056	-	0	3.2162	0	0.29407	0
2057	-	0	3.3008	0	0.28055	0
2058	-	0	3.3876	0	0.26765	0
2059	-	0	3.4767	0	0.25534	0
2060	-	0	3.5681	0	0.24360	0
2061	-	0	3.6620	0	0.23240	0
2062	-	0	3.7583	0	0.22171	0
2063	-	0	3.8571	0	0.21152	0
2064	-	0	3.9586	0	0.20179	0
2065	-	0	4.0627	0	0.19251	0
2066	-	0	4.1695	0	0.18366	0
2067	-	0	4.2792	0	0.17521	0
2068	-	0	4.3917	0	0.16716	0
2069	-	0	4.5072	0	0.15947	0
2070	-	0	4.6258	0	0.15214	0
2071	-	0	4.7474	0	0.14514	0
2072	-	0	4.8723	0	0.13847	0
2073	-	0	5.0004	0	0.13210	0
2074	-	0	5.1320	0	0.12603	0
2075	-	0	5.2669	0	0.12023	0
2076	2,068	2,068	5.4054	11,180	0.11470	1,282
2077	754,915	754,915	5.5476	4,187,969	0.10943	458,289
2078	754,915	754,915	5.6935	4,298,111	0.10440	448,723
2079	754,915	754,915	5.8432	4,411,122	0.09959	439,304
2080	756,984	756,984	5.9969	4,539,555	0.09502	431,349
2081	754,915	754,915	6.1546	4,646,202	0.09065	421,178
2082	754,915	754,915	6.3165	4,768,423	0.08648	412,373
2083	754,915	754,915	6.4826	4,893,814	0.08250	403,740
2084	756,984	756,984	6.6531	5,036,288	0.07871	396,406
2085	754,915	754,915	6.8281	5,154,638	0.07509	387,062
2086	754,915	754,915	7.0077	5,290,220	0.07164	378,991
2087	754,915	754,915	7.1920	5,429,351	0.06834	371,042
2088	756,984	756,984	7.3811	5,587,372	0.06520	364,297
2089	754,915	754,915	7.5753	5,718,710	0.06220	355,704
2090	752,847	752,847	7.7745	5,853,010	0.05934	347,318
2091	-	0	7.9790	0	0.05661	0
	\$659,089,927	\$659,089,927		\$1,657,274,914		\$1,204,831,884

ENCLOSURE 5

*Levelized (beginning of year payment, mid year interest)***AMOUNT TO RECOVER - RADIOLOGICAL**

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 1			<i>3.63%</i>			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.66%</i>	<i>2033</i>
2033	20,820,603	20,820,603	2.1912	45,622,105	1.00000	45,622,105
2034	65,863,767	65,863,767	2.2707	149,556,856	0.95547	142,897,089
2035	105,472,896	105,472,896	2.3532	248,198,819	0.91293	226,588,148
2036	80,683,306	80,683,306	2.4386	196,754,309	0.87228	171,624,849
2037	40,634,808	40,634,808	2.5271	102,688,224	0.83345	85,585,500
2038	5,090,301	5,090,301	2.6188	13,330,479	0.79634	10,615,594
2039	5,090,301	5,090,301	2.7139	13,814,567	0.76088	10,511,228
2040	5,104,247	5,104,247	2.8124	14,355,183	0.72700	10,436,218
2041	5,090,301	5,090,301	2.9145	14,835,681	0.69463	10,305,309
2042	5,090,301	5,090,301	3.0203	15,374,235	0.66370	10,203,880
2043	5,090,301	5,090,301	3.1299	15,932,132	0.63415	10,103,362
2044	5,104,247	5,104,247	3.2436	16,556,135	0.60592	10,031,693
2045	5,090,301	5,090,301	3.3613	17,110,028	0.57894	9,905,679
2046	5,090,301	5,090,301	3.4833	17,731,044	0.55316	9,808,104
2047	5,090,301	5,090,301	3.6098	18,374,967	0.52853	9,711,721
2048	5,104,247	5,104,247	3.7408	19,093,966	0.50500	9,642,453
2049	10,045,148	10,045,148	3.8766	38,941,023	0.48251	18,789,433
2050	28,250,320	28,250,320	4.0173	113,490,009	0.46103	52,322,299
2051	7,680,906	7,680,906	4.1631	31,976,379	0.44050	14,085,595
2052	716,179	716,179	4.3143	3,089,812	0.42089	1,300,471
2053	336,565	336,565	4.4709	1,504,749	0.40215	605,135
2054	0	0	3.0535	0	0.38424	0
2055	0	0	3.1338	0	0.36713	0
2056	0	0	3.2162	0	0.35079	0
2057	0	0	3.3008	0	0.33517	0
2058	0	0	3.3876	0	0.32024	0
2059	0	0	3.4767	0	0.30599	0
2060	0	0	3.5681	0	0.29236	0
2061	0	0	3.6620	0	0.27934	0
2062	0	0	3.7583	0	0.26691	0
2063	0	0	3.8571	0	0.25502	0
2064	0	0	3.9586	0	0.24367	0
2065	0	0	4.0627	0	0.23282	0
2066	0	0	4.1695	0	0.22245	0
2067	0	0	4.2792	0	0.21255	0
2068	0	0	4.3917	0	0.20308	0
2069	0	0	4.5072	0	0.19404	0
2070	-	0	4.6258	0	0.18540	0
2071	-	0	4.7474	0	0.17715	0
2072	-	0	4.8723	0	0.16926	0
2073	-	0	5.0004	0	0.16172	0
2074	-	0	5.1320	0	0.15452	0
2075	-	0	5.2669	0	0.14764	0
2076	-	0	5.4054	0	0.14107	0
2077	12,232,310	12,232,310	5.5476	67,859,963	0.13479	9,146,844
2078	-	0	5.6935	0	0.12879	0
	\$428,771,954	\$428,771,954		\$1,176,190,665		\$879,842,710

ENCLOSURE 5

*Levelized (beginning of year payment, mid year interest)***AMOUNT TO RECOVER - RADIOLOGICAL**

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 2			<i>3.63%</i>			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.57%</i>	<i>2034</i>
2034	8,494,948	8,494,948	2.2707	19,289,477	1.00000	19,289,477
2035	53,283,284	53,283,284	2.3532	125,386,223	0.95630	119,906,845
2036	100,960,954	100,960,954	2.4386	246,203,383	0.91450	225,152,994
2037	98,591,560	98,591,560	2.5271	249,150,731	0.87454	217,892,281
2038	74,811,488	74,811,488	2.6188	195,916,324	0.83632	163,848,740
2039	21,913,437	21,913,437	2.7139	59,470,876	0.79977	47,563,023
2040	13,161,222	13,161,222	2.8124	37,014,621	0.76482	28,309,522
2041	13,125,262	13,125,262	2.9145	38,253,577	0.73139	27,978,284
2042	13,125,262	13,125,262	3.0203	39,642,230	0.69943	27,726,965
2043	13,125,262	13,125,262	3.1299	41,080,759	0.66886	27,477,276
2044	13,161,222	13,161,222	3.2436	42,689,740	0.63963	27,305,638
2045	13,125,262	13,125,262	3.3613	44,117,944	0.61168	26,986,064
2046	13,125,262	13,125,262	3.4833	45,719,226	0.58494	26,743,004
2047	13,125,262	13,125,262	3.6098	47,379,572	0.55938	26,503,185
2048	13,161,222	13,161,222	3.7408	49,233,499	0.53493	26,336,476
2049	17,938,969	17,938,969	3.8766	69,542,206	0.51156	35,575,011
2050	35,760,092	35,760,092	4.0173	143,659,019	0.48920	70,277,992
2051	10,457,490	10,457,490	4.1631	43,535,579	0.46782	20,366,814
2052	670,743	670,743	4.3143	2,893,788	0.44738	1,294,623
2053	315,213	315,213	4.4709	1,409,284	0.42782	602,920
2054	0	-	3.0535	-	0.40913	0
2055	0	-	3.1338	-	0.39125	0
2056	0	-	3.2162	-	0.37415	0
2057	0	-	3.3008	-	0.35780	0
2058	0	-	3.3876	-	0.34216	0
2059	0	-	3.4767	-	0.32721	0
2060	0	-	3.5681	-	0.31291	0
2061	0	-	3.6620	-	0.29923	0
2062	0	-	3.7583	-	0.28615	0
2063	0	-	3.8571	-	0.27365	0
2064	0	-	3.9586	-	0.26169	0
2065	0	-	4.0627	-	0.25025	0
2066	0	-	4.1695	-	0.23932	0
2067	0	-	4.2792	-	0.22886	0
2068	0	-	4.3917	-	0.21886	0
2069	0	-	4.5072	-	0.20929	0
2070	-	-	4.6258	-	0.20014	0
2071	-	-	4.7474	-	0.19140	0
2072	-	-	4.8723	-	0.18303	0
2073	-	-	5.0004	-	0.17503	0
2074	-	-	5.1320	-	0.16738	0
2075	-	-	5.2669	-	0.16007	0
2076	-	-	5.4054	-	0.15307	0
2077	10,796,730	10,796,730	5.5476	59,895,939	0.14638	8,767,568
2078	-	-	5.6935	-	0.13999	0
	\$552,230,148	\$552,230,148		1,601,483,999		1,175,904,702
	<u>\$1,640,092,028</u>	<u>\$1,640,092,028</u>		<u>\$4,434,949,578</u>		<u>\$3,260,579,296</u>

ENCLOSURE 6

Nuclear Decommissioning Accrual Calculation – Spent Fuel

4 pages follow

Enclosure 6

Levelized (beginning of year payment, mid year interest)

ANNUAL ACCRUAL SUMMARY

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Present Value to Decommission	Recovered Through 12/31/2012	2013-2014 Decommissioning Accrual
	(9)	(10)	(10)	(5)	(11)	(12)
EXTERNAL FUND						
Monticello	17.75	5.35%	4.82%	\$554,561,447	\$112,185,858	10,755,339
Prairie Island Unit 1	20.80	5.50%	4.66%	378,003,189	122,798,698	471,837
Prairie Island Unit 2	21.80	5.53%	4.57%	396,692,950	121,390,165	1,094,077
TOTAL DECOMMISSIONING ACCRUAL				\$1,329,257,586	\$356,374,720	\$12,321,252

INPUT DATA

Escalation Rate (Operation/Radiological)	3.63%	(a)
Escalation Rate (ISFSI/Site Restoration)	2.63%	(a)
Jurisdictional Factor	100.0000%	(b)
IRS Tax Qualified Percent	100.00%	(c)
External Percent	100.00%	(d)

NOTES

Input Data

- (a) = Inflation rate from current filing documentation
- (b) = Minnesota jurisdictional percent from last electric rate case
- (c) = IRS qualifying percent based upon 2005 Energy Policy Act
- (d) = Recommended external funding

Amount to Recover

- (1) = Current cost estimate by year from TLG Cost Study, 2011.
- (2) = Jurisdictional Nominal Cost = (1) x (c)
- (3) = Future Value of jurisdictional nominal cost
- (4) = Discount factor based upon the applicable earnings rate for present value calculation
- (5) = Present value to decommission at the start of 2012

Decommissioning Accrual

- (9) = Remaining life based on E,G002/D-11-144
- (10) = Fund earnings rate
- (11) = Fund balances to date
- (12) = Annuity or decommissioning accrual

Enclosure 6

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Monticello			3.63%			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.82%</i>	<i>2030</i>
2030	\$28,351,388	\$28,351,388	1.9689	\$55,821,049	1.00000	\$55,821,049
2031	2,427,740	2,427,740	2.0404	4,953,562	0.95402	4,725,797
2032	1,966,707	1,966,707	2.1144	4,158,405	0.91015	3,784,773
2033	1,855,097	1,855,097	2.1912	4,064,889	0.86830	3,529,543
2034	7,163,151	7,163,151	2.2707	16,265,367	0.82837	13,473,742
2035	37,666,327	37,666,327	2.3532	88,636,400	0.79028	70,047,574
2036	1,860,023	1,860,023	2.4386	4,535,853	0.75394	3,419,761
2037	1,855,098	1,855,098	2.5271	4,688,019	0.71927	3,371,951
2038	1,855,098	1,855,098	2.6188	4,858,131	0.68619	3,333,601
2039	1,855,098	1,855,098	2.7139	5,034,551	0.65464	3,295,819
2040	1,860,023	1,860,023	2.8124	5,231,129	0.62454	3,267,050
2041	1,855,098	1,855,098	2.9145	5,406,684	0.59582	3,221,410
2042	1,855,098	1,855,098	3.0203	5,602,953	0.56842	3,184,831
2043	1,855,098	1,855,098	3.1299	5,806,272	0.54228	3,148,625
2044	1,860,023	1,860,023	3.2436	6,033,171	0.51735	3,121,261
2045	40,146,932	40,146,932	3.3613	134,945,883	0.49356	66,603,890
2046	705,105	705,105	3.4833	2,456,093	0.47086	1,156,476
2047	4,352,674	4,352,674	3.6098	15,712,281	0.44921	7,058,114
2048	7,628,121	7,628,121	3.7408	28,535,275	0.42855	12,228,792
2049	5,668,528	5,668,528	3.8766	21,974,618	0.40885	8,984,322
2050	13,810,528	13,810,528	4.0173	55,481,036	0.39005	21,640,378
2051	18,261,028	18,261,028	4.1631	76,022,488	0.37211	28,288,728
2052	10,858,901	10,858,901	4.3143	46,848,557	0.35500	16,631,238
2053	16,777,528	16,777,528	4.4709	75,010,652	0.33868	25,404,608
2054	21,228,028	21,228,028	4.6332	98,353,702	0.32310	31,778,081
2055	5,611,028	5,611,028	3.1338	17,583,841	0.30825	5,420,219
2056	5,626,401	5,626,401	3.2162	18,095,631	0.29407	5,321,382
2057	5,611,028	5,611,028	3.3008	18,520,883	0.28055	5,196,034
2058	5,611,028	5,611,028	3.3876	19,007,920	0.26765	5,087,470
2059	5,611,028	5,611,028	3.4767	19,507,863	0.25534	4,981,138
2060	5,626,401	5,626,401	3.5681	20,075,562	0.24360	4,890,407
2061	5,611,028	5,611,028	3.6620	20,547,586	0.23240	4,775,259
2062	5,611,028	5,611,028	3.7583	21,087,928	0.22171	4,675,405
2063	5,611,028	5,611,028	3.8571	21,642,298	0.21152	4,577,779
2064	5,626,401	5,626,401	3.9586	22,272,672	0.20179	4,494,402
2065	5,611,028	5,611,028	4.0627	22,795,925	0.19251	4,388,444
2066	5,611,028	5,611,028	4.1695	23,395,183	0.18366	4,296,759
2067	5,611,028	5,611,028	4.2792	24,010,713	0.17521	4,206,917
2068	5,626,401	5,626,401	4.3917	24,709,466	0.16716	4,130,434
2069	5,611,028	5,611,028	4.5072	25,290,028	0.15947	4,033,001
2070	5,611,028	5,611,028	4.6258	25,955,496	0.15214	3,948,869
2071	5,611,028	5,611,028	4.7474	26,637,797	0.14514	3,866,210
2072	5,626,401	5,626,401	4.8723	27,413,514	0.13847	3,795,949
2073	5,611,028	5,611,028	5.0004	28,057,387	0.13210	3,706,381
2074	5,611,028	5,611,028	5.1320	28,795,798	0.12603	3,629,134
2075	5,611,028	5,611,028	5.2669	29,552,726	0.12023	3,553,124
2076	5,626,941	5,626,941	5.4054	30,415,865	0.11470	3,488,700
2077	6,438,157	6,438,157	5.5476	35,716,318	0.10943	3,908,437
2078	7,698,557	7,698,557	5.6935	43,831,732	0.10440	4,576,033
2079	7,383,457	7,383,457	5.8432	43,143,014	0.09959	4,296,613
2080	7,399,369	7,399,369	5.9969	44,373,275	0.09502	4,216,349
2081	7,383,457	7,383,457	6.1546	45,442,222	0.09065	4,119,337
2082	7,698,557	7,698,557	6.3165	48,627,933	0.08648	4,205,344
2083	7,383,457	7,383,457	6.4826	47,863,996	0.08250	3,948,780
2084	7,399,369	7,399,369	6.6531	49,228,741	0.07871	3,874,794
2085	7,383,457	7,383,457	6.8281	50,414,980	0.07509	3,785,661
2086	7,698,557	7,698,557	7.0077	53,949,176	0.07164	3,864,919
2087	7,383,457	7,383,457	7.1920	53,101,820	0.06834	3,628,978
2088	9,699,369	9,699,369	7.3811	71,592,012	0.06520	4,667,799
2089	7,383,457	7,383,457	7.5753	55,931,899	0.06220	3,478,964
2090	6,447,544	6,447,544	7.7745	50,126,433	0.05934	2,974,503
2091	4,494,458	4,494,458	7.9790	35,861,278	0.05661	2,030,107
	\$468,388,523	\$468,388,523		\$2,021,013,933		\$554,561,447

Enclosure 6

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 1			3.63%			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.66%</i>	<i>2033</i>
2033	620,158	620,158	2.1912	1,358,891	1.00000	1,358,891
2034	1,561,088	1,561,088	2.2707	3,544,763	0.95547	3,386,915
2035	21,691,551	21,691,551	2.3532	51,044,557	0.91293	46,600,108
2036	5,056,634	5,056,634	2.4386	12,331,108	0.87228	10,756,179
2037	14,092,188	14,092,188	2.5271	35,612,368	0.83345	29,681,128
2038	1,258,188	1,258,188	2.6188	3,294,942	0.79634	2,623,894
2039	7,675,188	7,675,188	2.7139	20,829,692	0.76088	15,848,896
2040	1,261,635	1,261,635	2.8124	3,548,222	0.72700	2,579,558
2041	14,092,188	14,092,188	2.9145	41,071,682	0.69463	28,529,622
2042	1,258,188	1,258,188	3.0203	3,800,105	0.66370	2,522,130
2043	14,092,188	14,092,188	3.1299	44,107,139	0.63415	27,970,542
2044	1,261,635	1,261,635	3.2436	4,092,239	0.60592	2,479,570
2045	14,092,188	14,092,188	3.3613	47,368,071	0.57894	27,423,271
2046	1,258,188	1,258,188	3.4833	4,382,646	0.55316	2,424,304
2047	14,092,188	14,092,188	3.6098	50,869,980	0.52853	26,886,310
2048	1,261,635	1,261,635	3.7408	4,719,524	0.50500	2,383,360
2049	20,432,246	20,432,246	3.8766	79,207,644	0.48251	38,218,480
2050	542,119	542,119	4.0173	2,177,855	0.46103	1,004,056
2051	2,821,637	2,821,637	4.1631	11,746,759	0.44050	5,174,447
2052	4,453,546	4,453,546	4.3143	19,213,933	0.42089	8,086,952
2053	4,045,150	4,045,150	4.4709	18,085,462	0.40215	7,273,068
2054	3,848,051	3,848,051	3.0535	11,750,024	0.38424	4,514,829
2055	3,532,951	3,532,951	3.1338	11,071,562	0.36713	4,064,702
2056	4,013,985	4,013,985	3.2162	12,909,780	0.35079	4,528,622
2057	3,532,951	3,532,951	3.3008	11,661,564	0.33517	3,908,607
2058	3,375,401	3,375,401	3.3876	11,434,508	0.32024	3,661,787
2059	3,690,501	3,690,501	3.4767	12,830,765	0.30599	3,926,086
2060	3,541,335	3,541,335	3.5681	12,635,839	0.29236	3,694,214
2061	3,690,501	3,690,501	3.6620	13,514,614	0.27934	3,775,172
2062	3,690,501	3,690,501	3.7583	13,870,010	0.26691	3,702,044
2063	3,690,501	3,690,501	3.8571	14,234,631	0.25502	3,630,116
2064	3,541,335	3,541,335	3.9586	14,018,730	0.24367	3,415,944
2065	3,690,501	3,690,501	4.0627	14,993,398	0.23282	3,490,763
2066	3,690,501	3,690,501	4.1695	15,387,544	0.22245	3,422,959
2067	3,532,951	3,532,951	4.2792	15,118,204	0.21255	3,213,374
2068	3,698,885	3,698,885	4.3917	16,244,395	0.20308	3,298,912
2069	3,690,501	3,690,501	4.5072	16,633,826	0.19404	3,227,628
2070	3,532,951	3,532,951	4.6258	16,342,724	0.18540	3,029,941
2071	3,690,501	3,690,501	4.7474	17,520,284	0.17715	3,103,718
2072	3,698,885	3,698,885	4.8723	18,022,079	0.16926	3,050,417
2073	3,532,951	3,532,951	5.0004	17,666,168	0.16172	2,856,973
2074	3,690,501	3,690,501	5.1320	18,939,651	0.15452	2,926,555
2075	4,840,501	4,840,501	5.2669	25,494,434	0.14764	3,763,998
2076	3,541,335	3,541,335	5.4054	19,142,334	0.14107	2,700,409
2077	3,533,595	3,533,595	5.5476	19,602,974	0.13479	2,642,285
2078	1,693,045	1,693,045	5.6935	9,639,352	0.12879	1,241,452
	\$237,125,344	\$237,125,344		\$843,086,976		\$378,003,189

Enclosure 6

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 2			3.63%			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.57%</i>	<i>2034</i>
2034	273,725	273,725	2.2707	621,548	1.00000	621,548
2035	21,962,089	21,962,089	2.3532	51,681,187	0.95630	49,422,719
2036	5,156,219	5,156,219	2.4386	12,573,955	0.91450	11,498,882
2037	14,092,188	14,092,188	2.5271	35,612,369	0.87454	31,144,441
2038	1,258,188	1,258,188	2.6188	3,294,944	0.83632	2,755,628
2039	7,675,188	7,675,188	2.7139	20,829,694	0.79977	16,658,964
2040	1,261,635	1,261,635	2.8124	3,548,224	0.76482	2,713,752
2041	14,092,188	14,092,188	2.9145	41,071,683	0.73139	30,039,418
2042	1,258,188	1,258,188	3.0203	3,800,106	0.69943	2,657,908
2043	14,092,188	14,092,188	3.1299	44,107,140	0.66886	29,501,502
2044	1,261,635	1,261,635	3.2436	4,092,241	0.63963	2,617,520
2045	14,092,188	14,092,188	3.3613	47,368,073	0.61168	28,974,103
2046	1,258,188	1,258,188	3.4833	4,382,647	0.58494	2,563,586
2047	14,092,188	14,092,188	3.6098	50,869,982	0.55938	28,455,650
2048	1,261,635	1,261,635	3.7408	4,719,526	0.53493	2,524,616
2049	20,432,246	20,432,246	3.8766	79,207,646	0.51156	40,519,463
2050	542,119	542,119	4.0173	2,177,855	0.48920	1,065,406
2051	2,821,637	2,821,637	4.1631	11,746,759	0.46782	5,495,369
2052	4,453,546	4,453,546	4.3143	19,213,933	0.44738	8,595,929
2053	4,045,150	4,045,150	4.4709	18,085,462	0.42782	7,737,322
2054	3,848,051	3,848,051	3.0535	11,750,024	0.40913	4,807,287
2055	3,532,951	3,532,951	3.1338	11,071,562	0.39125	4,331,749
2056	4,013,985	4,013,985	3.2162	12,909,780	0.37415	4,830,194
2057	3,532,951	3,532,951	3.3008	11,661,564	0.35780	4,172,508
2058	3,375,401	3,375,401	3.3876	11,434,508	0.34216	3,912,431
2059	3,690,501	3,690,501	3.4767	12,830,765	0.32721	4,198,354
2060	3,541,335	3,541,335	3.5681	12,635,839	0.31291	3,953,880
2061	3,690,501	3,690,501	3.6620	13,514,614	0.29923	4,043,978
2062	3,690,501	3,690,501	3.7583	13,870,010	0.28615	3,968,903
2063	3,690,501	3,690,501	3.8571	14,234,631	0.27365	3,895,307
2064	3,541,335	3,541,335	3.9586	14,018,730	0.26169	3,668,561
2065	3,690,501	3,690,501	4.0627	14,993,398	0.25025	3,752,098
2066	3,690,501	3,690,501	4.1695	15,387,544	0.23932	3,682,547
2067	3,532,951	3,532,951	4.2792	15,118,204	0.22886	3,459,952
2068	3,698,885	3,698,885	4.3917	16,244,395	0.21886	3,555,248
2069	3,690,501	3,690,501	4.5072	16,633,826	0.20929	3,481,293
2070	3,532,951	3,532,951	4.6258	16,342,724	0.20014	3,270,833
2071	3,690,501	3,690,501	4.7474	17,520,284	0.19140	3,353,382
2072	3,698,885	3,698,885	4.8723	18,022,079	0.18303	3,298,581
2073	3,532,951	3,532,951	5.0004	17,666,168	0.17503	3,092,109
2074	3,690,501	3,690,501	5.1320	18,939,651	0.16738	3,170,119
2075	4,840,501	4,840,501	5.2669	25,494,434	0.16007	4,080,894
2076	3,541,335	3,541,335	5.4054	19,142,334	0.15307	2,930,117
2077	3,533,595	3,533,595	5.5476	19,602,974	0.14638	2,869,483
2078	1,693,045	1,693,045	5.6935	9,639,352	0.13999	1,349,413
	\$235,587,951	235,587,951		839,684,365		396,692,950
	\$941,101,819	\$941,101,819		\$3,703,785,274		\$1,329,257,586

ENCLOSURE 7

Nuclear Decommissioning Accrual Calculation – Site Restoration

4 pages follow

Enclosure 7

Levelized (beginning of year payment, mid year interest)

ANNUAL ACCRUAL SUMMARY

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Present Value to Decommission	Recovered Through 12/31/2012	2013-2014 Decommissioning Accrual
	(9)	(10)	(10)	(5)	(11)	(12)
EXTERNAL FUND						
Monticello	17.75	5.35%	4.82%	\$53,400,416	\$16,797,894	2,055,528
Prairie Island Unit 1	20.80	5.50%	4.66%	65,190,882	40,462,870	471,837
Prairie Island Unit 2	21.80	5.53%	4.57%	88,706,991	23,060,906	1,412,290
TOTAL DECOMMISSIONING ACCRUAL				\$207,298,289	\$80,321,670	\$3,939,655

INPUT DATA

Escalation Rate (Operation/Radiological)	3.63%	(a)
Escalation Rate (ISFSI/Site Restoration)	2.63%	(a)
Jurisdictional Factor	100.0000%	(b)
IRS Tax Qualified Percent	100.00%	(c)
External Percent	100.00%	(d)

NOTES

Input Data

- (a) = Inflation rate from current filing documentation
- (b) = Minnesota jurisdictional percent from last electric rate case
- (c) = IRS qualifying percent based upon 2005 Energy Policy Act
- (d) = Recommended external funding

Amount to Recover

- (1) = Current cost estimate by year from TLG Cost Study, 2011.
- (2) = Jurisdictional Nominal Cost = (1) x (c)
- (3) = Future Value of jurisdictional nominal cost
- (4) = Discount factor based upon the applicable earnings rate for present value calculation
- (5) = Present value to decommission at the start of 2012

Decommissioning Accrual

- (9) = Remaining life based on E,G002/D-11-144
- (10) = Fund earnings rate
- (11) = Fund balances to date
- (12) = Annuity or decommissioning accrual

Enclosure 7

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Monticello			3.63%			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.82%</i>	<i>2030</i>
2030	\$142,203	\$142,203	1.9689	\$279,983	1.00000	\$279,983
2031	548,003	548,003	2.0404	1,118,145	0.95402	1,066,733
2032	319,299	319,299	2.1144	675,127	0.91015	614,467
2033	97,261	97,261	2.1912	213,119	0.86830	185,051
2034	4,000	4,000	2.2707	9,084	0.82837	7,525
2035	2,641	2,641	2.3532	6,216	0.79028	4,912
2036	-	0	2.4386	0	0.75394	0
2037	-	0	2.5271	0	0.71927	0
2038	-	0	2.6188	0	0.68619	0
2039	-	0	2.7139	0	0.65464	0
2040	-	0	2.8124	0	0.62454	0
2041	-	0	2.9145	0	0.59582	0
2042	-	0	3.0203	0	0.56842	0
2043	-	0	3.1299	0	0.54228	0
2044	-	0	3.2436	0	0.51735	0
2045	-	0	3.3613	0	0.49356	0
2046	-	0	3.4833	0	0.47086	0
2047	14,766,846	14,766,846	3.6098	53,305,360	0.44921	23,945,301
2048	17,027,077	17,027,077	3.7408	63,694,891	0.42855	27,296,445
2049	-	0	3.8766	0	0.40885	0
2050	-	0	4.0173	0	0.39005	0
2051	-	0	4.1631	0	0.37211	0
2052	-	0	4.3143	0	0.35500	0
2053	-	0	4.4709	0	0.33868	0
2054	-	0	4.6332	0	0.32310	0
2055	-	0	3.1338	0	0.30825	0
2056	-	0	3.2162	0	0.29407	0
2057	-	0	3.3008	0	0.28055	0
2058	-	0	3.3876	0	0.26765	0
2059	-	0	3.4767	0	0.25534	0
2060	-	0	3.5681	0	0.24360	0
2061	-	0	3.6620	0	0.23240	0
2062	-	0	3.7583	0	0.22171	0
2063	-	0	3.8571	0	0.21152	0
2064	-	0	3.9586	0	0.20179	0
2065	-	0	4.0627	0	0.19251	0
2066	-	0	4.1695	0	0.18366	0
2067	-	0	4.2792	0	0.17521	0
2068	-	0	4.3917	0	0.16716	0
2069	-	0	4.5072	0	0.15947	0
2070	-	0	4.6258	0	0.15214	0
2071	-	0	4.7474	0	0.14514	0
2072	-	0	4.8723	0	0.13847	0
2073	-	0	5.0004	0	0.13210	0
2074	-	0	5.1320	0	0.12603	0
2075	-	0	5.2669	0	0.12023	0
2076	-	0	5.4054	0	0.11470	0
2077	-	0	5.5476	0	0.10943	0
2078	-	0	5.6935	0	0.10440	0
2079	-	0	5.8432	0	0.09959	0
2080	-	0	5.9969	0	0.09502	0
2081	-	0	6.1546	0	0.09065	0
2082	-	0	6.3165	0	0.08648	0
2083	-	0	6.4826	0	0.08250	0
2084	-	0	6.6531	0	0.07871	0
2085	-	0	6.8281	0	0.07509	0
2086	-	0	7.0077	0	0.07164	0
2087	-	0	7.1920	0	0.06834	0
2088	-	0	7.3811	0	0.06520	0
2089	-	0	7.5753	0	0.06220	0
2090	-	0	7.7745	0	0.05934	0
2091	-	0	7.9790	0	0.05661	0
	\$32,907,331	\$32,907,331		\$119,301,923		\$53,400,416

Enclosure 7

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 1			<i>3.63%</i>			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.66%</i>	<i>2033</i>
2033	193,306	193,306	2.1912	423,572	1.00000	423,572
2034	823,827	823,827	2.2707	1,870,664	0.95547	1,787,364
2035	1,542,879	1,542,879	2.3532	3,630,703	0.91293	3,314,577
2036	1,789,943	1,789,943	2.4386	4,364,954	0.87228	3,807,462
2037	1,357,175	1,357,175	2.5271	3,429,716	0.83345	2,858,497
2038	0	0	2.6188	0	0.79634	0
2039	0	0	2.7139	0	0.76088	0
2040	0	0	2.8124	0	0.72700	0
2041	0	0	2.9145	0	0.69463	0
2042	0	0	3.0203	0	0.66370	0
2043	0	0	3.1299	0	0.63415	0
2044	0	0	3.2436	0	0.60592	0
2045	0	0	3.3613	0	0.57894	0
2046	0	0	3.4833	0	0.55316	0
2047	0	0	3.6098	0	0.52853	0
2048	0	0	3.7408	0	0.50500	0
2049	0	0	3.8766	0	0.48251	0
2050	0	0	4.0173	0	0.46103	0
2051	8,892,023	8,892,023	4.1631	37,018,382	0.44050	16,306,597
2052	13,790,172	13,790,172	4.3143	59,494,937	0.42089	25,040,824
2053	6,480,627	6,480,627	4.4709	28,974,236	0.40215	11,651,989
2054	0	0	3.0535	0	0.38424	0
2055	0	0	3.1338	0	0.36713	0
2056	0	0	3.2162	0	0.35079	0
2057	0	0	3.3008	0	0.33517	0
2058	0	0	3.3876	0	0.32024	0
2059	0	0	3.4767	0	0.30599	0
2060	0	0	3.5681	0	0.29236	0
2061	0	0	3.6620	0	0.27934	0
2062	0	0	3.7583	0	0.26691	0
2063	0	0	3.8571	0	0.25502	0
2064	0	0	3.9586	0	0.24367	0
2065	0	0	4.0627	0	0.23282	0
2066	0	0	4.1695	0	0.22245	0
2067	0	0	4.2792	0	0.21255	0
2068	0	0	4.3917	0	0.20308	0
2069	0	0	4.5072	0	0.19404	0
2070	-	0	4.6258	0	0.18540	0
2071	-	0	4.7474	0	0.17715	0
2072	-	0	4.8723	0	0.16926	0
2073	-	0	5.0004	0	0.16172	0
2074	-	0	5.1320	0	0.15452	0
2075	-	0	5.2669	0	0.14764	0
2076	-	0	5.4054	0	0.14107	0
2077	-	0	5.5476	0	0.13479	0
2078	-	0	5.6935	0	0.12879	0
	\$34,869,951	\$34,869,951		\$139,207,164		\$65,190,882

Enclosure 7

Levelized (beginning of year payment, mid year interest)

AMOUNT TO RECOVER

	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Discount Factor	Present Value to Decommission
	(1)	(2)	(3)	(4)	(5)	(6)
Prairie Island Unit 2			<i>3.63%</i>			
<i>Factors</i>	<i>2011</i>	<i>100.0000%</i>	<i>2.63%</i>		<i>4.57%</i>	<i>2034</i>
2034	36,517	36,517	2.2707	82,920	1.00000	82,920
2035	271,970	271,970	2.3532	640,000	0.95630	612,032
2036	1,476,032	1,476,032	2.4386	3,599,453	0.91450	3,291,699
2037	1,860,849	1,860,849	2.5271	4,702,552	0.87454	4,112,570
2038	1,776,026	1,776,026	2.6188	4,651,057	0.83632	3,889,772
2039	253,023	253,023	2.7139	686,679	0.79977	549,185
2040	0	-	2.8124	-	0.76482	0
2041	0	-	2.9145	-	0.73139	0
2042	0	-	3.0203	-	0.69943	0
2043	0	-	3.1299	-	0.66886	0
2044	0	-	3.2436	-	0.63963	0
2045	0	-	3.3613	-	0.61168	0
2046	0	-	3.4833	-	0.58494	0
2047	0	-	3.6098	-	0.55938	0
2048	0	-	3.7408	-	0.53493	0
2049	0	-	3.8766	-	0.51156	0
2050	0	-	4.0173	-	0.48920	0
2051	12,023,581	12,023,581	4.1631	50,055,371	0.46782	23,416,904
2052	18,646,740	18,646,740	4.3143	80,447,632	0.44738	35,990,662
2053	8,762,949	8,762,949	4.4709	39,178,269	0.42782	16,761,247
2054	0	-	3.0535	-	0.40913	0
2055	0	-	3.1338	-	0.39125	0
2056	0	-	3.2162	-	0.37415	0
2057	0	-	3.3008	-	0.35780	0
2058	0	-	3.3876	-	0.34216	0
2059	0	-	3.4767	-	0.32721	0
2060	0	-	3.5681	-	0.31291	0
2061	0	-	3.6620	-	0.29923	0
2062	0	-	3.7583	-	0.28615	0
2063	0	-	3.8571	-	0.27365	0
2064	0	-	3.9586	-	0.26169	0
2065	0	-	4.0627	-	0.25025	0
2066	0	-	4.1695	-	0.23932	0
2067	0	-	4.2792	-	0.22886	0
2068	0	-	4.3917	-	0.21886	0
2069	0	-	4.5072	-	0.20929	0
2070	-	-	4.6258	-	0.20014	0
2071	-	-	4.7474	-	0.19140	0
2072	-	-	4.8723	-	0.18303	0
2073	-	-	5.0004	-	0.17503	0
2074	-	-	5.1320	-	0.16738	0
2075	-	-	5.2669	-	0.16007	0
2076	-	-	5.4054	-	0.15307	0
2077	-	-	5.5476	-	0.14638	0
2078	-	-	5.6935	-	0.13999	0
	\$45,107,689	45,107,689		184,043,933		88,706,991
	<u>\$112,884,971</u>	<u>\$112,884,971</u>		<u>\$442,553,020</u>		<u>\$207,298,289</u>

ENCLOSURE 8

Xcel Energy Trust Fund Balances – 2011 and 2012

4 pages follow

ENCLOSURE 8

										Excluded from NRC calculation
Balances as of December 31, 2011										
<u>External Qualified</u>	Book Value			Market Adjustment			Market Value			
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2	All Units
Radiological	353,978,486	237,710,954	282,803,110	(5,762,727)	(2,722,654)	(1,931,539)	348,215,759	234,988,300	280,871,571	864,075,630
Spent Fuel	97,526,724	102,126,639	95,403,912	(1,587,723)	(1,169,721)	(651,607)	95,939,001	100,956,918	94,752,305	291,648,224
Site Restoration	14,602,942	33,651,309	18,124,208	(237,734)	(385,430)	(123,788)	14,365,208	33,265,879	18,000,420	65,631,507
Total	466,108,153	373,488,902	396,331,230	(7,588,185)	(4,277,805)	(2,706,934)	458,519,968	369,211,097	393,624,296	1,221,355,361
<u>External Escrow</u>										
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2	
Radiological	609,135	31,807,897	45,565,133	551	123,038	175,609	609,686	31,930,936	45,740,742	78,281,364
Spent Fuel	167,826	13,665,477	15,371,443	152	52,860	59,242	167,978	13,718,338	15,430,685	29,317,001
Site Restoration	25,129	4,502,853	2,920,166	23	17,418	11,254	25,152	4,520,270	2,931,420	7,476,842
Total	802,091	49,976,227	63,856,742	726	193,316	246,105	802,817	50,169,544	64,102,846	115,075,207
<u>Internal</u>										
							Monti	PI1	PI2	
Radiological							-	291,059	566,265	857,324
Spent Fuel							-	125,046	191,030	316,076
Site Restoration							-	41,203	36,291	77,494
Total							-	457,309	793,585	1,250,894
<u>Grand Total</u>										
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2	
Radiological	354,587,622	269,518,852	328,368,243	(5,762,176)	(2,599,616)	(1,755,931)	348,825,446	267,210,295	327,178,577	943,214,317
Spent Fuel	97,694,551	115,792,116	110,775,355	(1,587,571)	(1,116,861)	(592,365)	96,106,979	114,800,302	110,374,020	321,281,301
Site Restoration	14,628,071	38,154,161	21,044,374	(237,711)	(368,012)	(112,534)	14,390,360	37,827,353	20,968,131	73,185,844
Total	466,910,244	423,465,129	460,187,972	(7,587,459)	(4,084,489)	(2,460,829)	459,322,785	419,837,949	458,520,727	1,337,681,462

ENCLOSURE 8

Balances as of December 31, 2011

External Qualified	Book Value			Market Adjust			Market Value		
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2
MN Retail	344,502,150.04	276,548,862.99	294,576,915.28	(6,159,600.62)	(3,605,330.19)	(2,250,699.57)	338,342,549.42	272,943,532.80	292,326,215.71
ND Retail	26,111,083.45	20,754,551.00	21,560,120.76	(71,859.03)	(137,632.77)	(123,035.28)	26,039,224.42	20,616,918.23	21,437,085.48
SD Retail	16,956,364.11	14,845,957.45	15,957,964.44	(162,627.66)	(20,779.11)	39,545.68	16,793,736.45	14,825,178.34	15,997,510.12
MN FERC	8,798,085.58	6,752,100.02	6,308,838.23	(85,506.44)	141,254.15	(1.60)	8,712,579.14	6,893,354.17	6,308,836.63
WI FERC	6,808,993.49	5,484,614.04	4,721,734.24	29,354.91	(1,170,067.11)	21,441.45	6,838,348.40	4,314,546.93	4,743,175.69
WI Retail	62,931,476.36	49,102,816.94	53,205,656.51	(1,137,945.76)	514,749.91	(394,184.78)	61,793,530.60	49,617,566.85	52,811,471.73
Total	466,108,153.03	373,488,902.44	396,331,229.46	(7,588,184.60)	(4,277,805.12)	(2,706,934.10)	458,519,968.43	369,211,097.32	393,624,295.36
External Escrow									
MN Retail	-	37,884,536.45	48,390,281.74	-	148,324.30	189,449.50	-	38,032,860.75	48,579,731.24
WI FERC	392,877.66	1,091,217.30	1,217,384.86	1,162.98	4,661.69	5,329.81	394,040.64	1,095,878.99	1,222,714.67
ND Retail	409,213.17	1,955,974.97	3,188,044.62	(437.22)	4,922.45	8,023.16	408,775.95	1,960,897.42	3,196,067.78
WI Retail	-	9,044,498.52	11,061,030.40	-	35,407.93	43,302.28	-	9,079,906.45	11,104,332.68
Total	802,090.83	49,976,227.24	63,856,741.62	725.76	193,316.37	246,104.75	802,816.59	50,169,543.61	64,102,846.37
Internal							-	457,309.00	793,585.00
Grand Total	466,910,243.86	423,465,129.68	460,187,971.08	(7,587,458.84)	(4,084,488.75)	(2,460,829.35)	459,322,785.02	419,837,949.93	458,520,726.73

ENCLOSURE 8

Balances as of December 31, 2012

External Qualified	Book Value			Market Adjustment			Market Value			All Units
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2	
Radiological	363,508,519	244,454,460	290,786,332	24,391,800	17,035,991	21,777,007	387,900,320	261,490,451	312,563,339	961,954,110
Spent Fuel	100,152,401	105,023,819	98,097,060	6,720,330	7,319,093	7,346,495	106,872,731	112,342,912	105,443,555	324,659,198
Site Restoration	14,996,092	34,605,946	18,635,835	1,006,253	2,411,683	1,395,639	16,002,345	37,017,629	20,031,473	73,051,448
Total	478,657,012	384,084,226	407,519,226	32,118,384	26,766,766	30,519,141	510,775,396	410,850,992	438,038,367	1,359,664,755
External Escrow										
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2	
Radiological	19,289,851	24,333,724	47,268,579	(5,573)	3,265	1,505	19,284,278	24,336,989	47,270,084	90,891,351
Spent Fuel	5,314,662	10,454,384	15,946,102	(1,535)	1,403	508	5,313,126	10,455,786	15,946,610	31,715,522
Site Restoration	795,779	3,444,779	3,029,336	(230)	462	96	795,549	3,445,241	3,029,432	7,270,222
Total	25,400,291	38,232,887	66,244,017	(7,338)	5,129	2,109	25,392,953	38,238,016	66,246,126	129,877,095
Grand Total										
	Monti	PI1	PI2	Monti	PI1	PI2		PI1	PI2	
Radiological	382,798,370	268,788,185	338,054,911	24,386,228	17,039,256	21,778,512	407,184,598	285,827,440	359,833,423	1,052,845,460
Spent Fuel	105,467,063	115,478,203	114,043,162	6,718,795	7,320,495	7,347,003	112,185,858	122,798,698	121,390,165	356,374,720
Site Restoration	15,791,871	38,050,725	21,665,170	1,006,023	2,412,145	1,395,735	16,797,894	40,462,870	23,060,906	80,321,670
Total	504,057,303	422,317,113	473,763,243	32,111,046	26,771,895	30,521,250	536,168,350	449,089,008	504,284,493	1,489,541,851

Excluded from
NRC calculation

ENCLOSURE 8

Balances as of December 31, 2012

External Qualified	Book Value			Market Adjust			Market Value		
	Monti	PI1	PI2	Monti	PI1	PI2	Monti	PI1	PI2
MN Retail	353,321,554.06	284,178,023.43	302,879,754.40	23,916,799.88	19,710,266.64	22,434,385.54	377,238,353.94	303,888,290.07	325,314,139.94
ND Retail	27,089,209.74	21,456,891.84	22,106,093.51	1,714,772.75	1,397,148.54	1,806,683.08	28,803,982.49	22,854,040.38	23,912,776.59
SD Retail	17,485,379.03	15,284,639.90	16,335,690.37	1,169,235.47	1,201,955.45	1,535,356.84	18,654,614.50	16,486,595.35	17,871,047.21
MN FERC	9,058,633.75	6,960,633.09	6,538,360.28	630,015.87	701,645.12	437,919.17	9,688,649.62	7,662,278.21	6,976,279.45
WI FERC	7,160,600.91	5,706,383.42	4,938,068.14	331,482.19	(983,144.15)	268,939.89	7,492,083.10	4,723,239.27	5,207,008.03
WI Retail	64,541,634.43	50,497,654.85	54,721,258.91	4,356,078.09	4,738,894.52	4,035,856.36	68,897,712.52	55,236,549.37	58,757,115.27
Total	478,657,011.92	384,084,226.53	407,519,225.61	32,118,384.25	26,766,766.12	30,519,140.88	510,775,396.17	410,850,992.65	438,038,366.49
External Escrow									
MN Retail	24,967,702.62	26,110,102.09	50,737,787.13	(5,089.41)	6,247.74	4,429.61	24,962,613.21	26,116,349.83	50,742,216.74
WI FERC	393,887.17	1,094,024.95	1,220,517.40	(334.06)	498.13	684.43	393,553.11	1,094,523.08	1,221,201.83
ND Retail	38,701.60	1,960,998.76	3,196,232.87	(1,914.53)	(2,527.51)	(4,119.51)	36,787.07	1,958,471.25	3,192,113.36
WI Retail	-	9,067,761.03	11,089,479.46	-	911.06	1,114.08	-	9,068,672.09	11,090,593.54
Total	25,400,291.39	38,232,886.83	66,244,016.86	(7,338.00)	5,129.42	2,108.61	25,392,953.39	38,238,016.25	66,246,125.47
Internal							-	-	-
Grand Total	504,057,303.31	422,317,113.36	473,763,242.47	32,111,046.25	26,771,895.54	30,521,249.49	536,168,349.56	449,089,008.90	504,284,491.96