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March 10, 2021

—Via Electronic Filing and Federal Express—

Steven M. Kahl, Executive Director  
North Dakota Public Service Commission  
State Capitol Building, Dept 408  
600 East Boulevard  
Bismarck, ND 59505-0480

RE: 2022-2024 TRIENNIAL NUCLEAR DECOMMISSIONING REPORT  
(CASE NO. PU-07-776)

Dear Mr. Kahl:

Northern States Power Company, doing business as Xcel Energy, submits to the North Dakota Public Service Commission the enclosed 2022 – 2024 Triennial Nuclear Decommissioning Petition and Supplement. The Company is required to file this report with the Minnesota Public Utilities Commission (MPUC) and did so on December 1, 2020. The Company then filed a Supplement to the Petition with the MPUC on January 19, 2020, but inadvertently missed providing the Commission a copy at that time.

The MPUC Petition without Schedules is being provided as Attachment A to this filing. Due to the voluminous nature of the full Petition with Schedules (in excess of 1,900 pages), the Company is providing the full report (including all Attachments) on CD only via Federal Express. The Supplement submitted to the Minnesota Commission is provided as Attachment B to this filing.

Paper copies of the Petition with Schedules will gladly be provided if requested by the Commission or Staff. I apologize for not providing the report sooner. Please contact me at 701-241-8632, if you have any questions regarding this submission.

Sincerely,

A handwritten signature in blue ink that reads 'David H. Sederquist'.

DAVE H. SEDERQUIST  
SENIOR REGULATORY CONSULTANT

Enclosures  
c: Patrick Fahn

220 PU-07-776 Filed 03/10/2021 Pages: 117  
2022 - 2024 Triennial Nuclear Decommissioning Petition and Supplement  
Northern States Power Company  
Dave Sederquist



414 Nicollet Mall  
Minneapolis, MN 55401

December 1, 2020

—Via Electronic Filing—

Will Seuffert  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101

RE: PETITION  
2022-2024 TRIENNIAL NUCLEAR PLANT DECOMMISSIONING STUDY &  
ASSUMPTIONS  
DOCKET NO. E002/M-20-\_\_\_\_

Dear Mr. Seuffert:

Northern States Power Company, doing business as Xcel Energy, submits a Petition for approval of our 2022-2024 Triennial Nuclear Decommissioning Study & Assumptions, along with supporting materials.

We have electronically filed this Petition and supporting materials with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. In addition, a one-page summary of the filing has been provided to persons on the attached service lists. The one-page summary provided also contains directions on how to access an electronic copy of the full filing via the Commission's website. Please contact me at (612) 330-6270 or [allen.krug@xcelenergy.com](mailto:allen.krug@xcelenergy.com) or Laurie Wold at (612) 330-5510 or [laurie.j.wold@xcelenergy.com](mailto:laurie.j.wold@xcelenergy.com) if you have any questions regarding this filing.

Sincerely,

/s/

ALLEN D. KRUG  
ASSOCIATE VICE PRESIDENT  
STATE REGULATORY POLICY

Enclosures  
c: Service Lists

STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Katie J. Sieben	Chair
Valerie Means	Commissioner
Matthew Schuerger	Commissioner
Joseph K. Sullivan	Commissioner
John A. Tuma	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR APPROVAL OF THE 2022 - 2024  
TRIENNIAL NUCLEAR  
DECOMMISSIONING STUDY &  
ASSUMPTIONS

DOCKET No. E002/M-20-\_\_\_\_

**PETITION**

**OVERVIEW**

Pursuant to Minn. Stat. § 216B.11 and § 216B.2445 and Minn. R. 7825.0500 through 7825.0800, and prior Minnesota Public Utilities Commission (Commission) Orders, Northern States Power Company, doing business as Xcel Energy (Company), submits our Petition for approval of the 2022-2024 Nuclear Decommissioning Study and Assumptions.

The objective of a decommissioning docket is to arrive at a reasonable cost estimate for decontamination and removal of nuclear facilities at the end of their operating lives and to set an accrual to accumulate funds sufficient to pay those decommissioning costs. To meet that objective, in this Petition, we propose a change to our annual accrual designed to result in the accrual of funds necessary to decommission the Company's nuclear fleet.

This triennial filing is unique in two ways. First, it follows our June 2020 Supplemental Filing to the 2019 Integrated Resource Plan (2019 IRP Supplement) in Docket No. E002/RP-19-368, in which we discuss the Company's long-term carbon reduction goals. In particular, our Preferred Plan in the 2019 IRP Supplement includes a 10-year extension of our license to operate the Monticello plant, moving the planned retirement date from 2030 to 2040. If approved, this extension would affect our accrual calculation by extending the time for collecting an accrual during the plant's operation while allowing the Nuclear Decommissioning Trust (NDT) to earn returns during the 10 additional years of operation. Because the extension has

not yet been approved, however—and recognizing there are many regulatory hurdles both at the state and federal levels required for extending operation of the Monticello plant—we have analyzed, but do not propose, potential accruals that account for the extended operation.

Second, this filing follows the decision on our 2020 Stay Out Request.<sup>1</sup> In that docket, the Commission authorized the Company to defer the increase in the accrual that arose out of the 2017 Nuclear Decommissioning Trust Triennial filing (2017 Filing)<sup>2</sup> from January 1, 2020 to January 1, 2021. It also is being filed shortly after the Company filed its 2020 Multi-Year Rate Plan (MYRP),<sup>3</sup> and prior to the Commission's consideration of our 2021 Rate Case Stay Out Request.<sup>4</sup> If the 2021 Stay Out Request is approved (and the MYRP is withdrawn), any increase to the NDT accrual arising out of the 2017 Filing would be postponed until January 1, 2022. (As noted in our November 2, 2020 Reply Comments in Docket No. E002/M-20-743, a one-year delay in increasing the accrual from its current \$14 million level would increase the accrual proposed in this Petition by only \$1.28 million annually.) If the 2021 Stay Out Request is not approved and the MYRP proceeds, we would update the MYRP for the NDT changes in Rebuttal Testimony.

In compliance with the Commission's January 7, 2019 Order on our 2017 Nuclear Decommissioning Trust Triennial filing (2017 Filing) in Docket No. E002/M-17-828, we have analyzed several decommissioning scenarios and calculated a number of different accruals as part of this filing. The resulting range of possible changes to the accrual runs from an \$8.6 million decrease to a \$207.5 million increase. However, in general, when compared to the 2017 Filing and using the same assumptions regarding decommissioning alternatives and operating lives, calculated accruals have increased modestly. For example, if we assume that immediate decommissioning will occur following the end of each current plant license (consistent with our 2014 and 2017 Filings), the accrual for 2022 would increase from \$27.4 million to approximately \$31.4 million.

As discussed below—absent other material intervening events—we believe it is appropriate to increase the accrual to \$31.4 million beginning in 2022. Specifically,

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<sup>1</sup> See Commission's March 13, 2020 ORDER in Docket No. E002/M-19-688.

<sup>2</sup> See Commission's January 7, 2019 ORDER in Docket No. E002/M-17-828.

<sup>3</sup> IN THE MATTER OF XCEL ENERGY'S APPLICATION FOR AUTHORITY TO INCREASE ELECTRIC RATES, Docket No. E002/GR-20-723 (November 2, 2020).

<sup>4</sup> PETITION FOR APPROVAL OF 2021 TRUE-UP MECHANISMS, Docket No. E002/M-20-743 (October 1, 2020). Note: The Company's 2021 Stay Out Request was initially filed on September 15, 2020, as part of the Company's Response and Petition in the COVID-19 Relief & Recovery dockets (Docket Nos. E,G999/CI-20-492; E,G002/M-20-716). On October 1, 2020 it was given its own docket – Docket No. E002/M-20-743.

the long-term real interest rates (Treasury rate in excess of average future inflation, measured by the rate on Treasury Inflation Protection Securities (TIPS) ) is a fundamental building block for the forward-looking return forecast. That rate is lower today than it was in 2017 as a result of a decline in real interest rates. As a result, our current projections show lower long-term investment growth in the future than our projections in the 2017 Filing. This change in our projections is consistent with the investment industry as a whole. Given the very long duration of the NDT and decommissioning process, even modest changes in forward-looking expected return assumptions can have a substantial effect on the accrual. For these reasons, we believe increasing the accrual is appropriate and reasonable.

Based on the above, the Company respectfully requests the Commission:

- Approve our decommissioning study and assumptions as compliant with the Company's obligations under Minnesota statutes, Commission rules, and prior precedent;
- Approve an accrual of \$31,368,901 effective in 2022 to meet the needs of the Company's 60-year spent fuel scenario, with no recasking of the fuel, for 2022 through 2024 while strategic decisions about the future of our nuclear units are decided in our 2019 IRP;
- Approve an annual accrual of \$0.7 million for end-of-life (EOL) nuclear fuel for the calendar year 2022 through 2024; and
- Approve the current asset allocation for the NDT.

Our Petition is organized as follows:

Sections I through IV – *General filing information*

- V. COMPANY PROPOSAL
- VI. REQUIRED DECOMMISSIONING INFORMATION
  - A. Scenarios Evaluated
  - B. Primary Factors Changed Since 2017 Filing
  - C. Trust Structure & Investment Strategy
  - D. Current Fund Balances
- VII. EFFECT OF CHANGE UPON THE COMPANY'S REVENUE
- VIII. EOL NUCLEAR FUEL
- IX. PREMATURE RISK INVESTIGATION
- X. ASSET RETIREMENT OBLIGATION

## Supporting Schedules

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A	Cost Estimate Summary
B	Escalation Analysis
C	Portfolio Analysis
D	Qualified Trust Statements
E	Decommissioning Accrual Analysis
F	Customer Rate Impact Calculation
G	EOL Accrual
H	Premature Risk Investigation
I	Asset Retirement Obligation
J	Decommissioning Cost Analysis for the Monticello Nuclear Generating Plant
K	Decommissioning Cost Analysis for the Prairie Island Nuclear Generating Plant
L	Decommissioning Cost Analysis for the Monticello Nuclear Generating Plant with a 10-year Operating Life Extension

### **I. SUMMARY OF FILING**

A one-paragraph summary of the filing accompanies this Petition pursuant to Minn. R. 7829.1300, subp. 1.

### **II. SERVICE ON OTHER PARTIES**

Pursuant to Minn. Stat. § 216.17, subd.3, the Company has electronically filed this document. A summary of the filing has been served on all parties on the attached service list.

### **III. GENERAL FILING INFORMATION**

Pursuant to Minn. R. 7825.3200, 7825.3500, and 7829.1300, subp. 3. the Company provides the following required information:

#### **A. Name, Address, and Telephone Number of Utility**

Northern States Power Company  
Xcel Energy  
414 Nicollet Mall  
Minneapolis, MN 55401  
(612) 330-5500

**B. Name, Address, and Telephone Number of Utility Attorney**

Matt B. Harris  
Lead Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall, 401 – 8<sup>th</sup> Floor  
Minneapolis, MN 55401  
(612) 330-7641

**C. Date of Filing**

This Petition is being filed on December 1, 2020.

**D. Statute Controlling Schedule for Processing the Filing**

Under Minn. R. 7829.0100, subp. 11, this request for approval of decommissioning accrual is a “miscellaneous” filing because no determination of the Company’s general revenue requirements is necessary. There is no specific statute that prescribes the amount of time the Commission has to rule on this Petition.

**E. Utility Employee Responsible for the Filing**

Allen D. Krug  
A.V.P. of Minnesota State Regulatory Policy  
Xcel Energy  
414 Nicollet Mall, 401 – 7<sup>th</sup> Floor  
Minneapolis, MN 55401  
(612) 330-6270

**IV. MISCELLANEOUS INFORMATION**

Pursuant to Minn. R. 7829.0700, subpt. 2, the Company requests that the following persons be placed on the Commission’s official service list for this matter:

Matt B. Harris  
Lead Assistant General Counsel  
Xcel Energy  
414 Nicollet Mall, 401 - 8<sup>th</sup> Floor  
Minneapolis, MN 55401  
[matt.b.harris@xcelenergy.com](mailto:matt.b.harris@xcelenergy.com)

Lynnette Sweet  
Regulatory Administrator  
Xcel Energy  
414 Nicollet Mall, 401 - 7<sup>th</sup> Floor  
Minneapolis, MN 55401  
[regulatory.records@xcelenergy.com](mailto:regulatory.records@xcelenergy.com)

Any information requests in this proceeding should be submitted to Ms. Sweet at the Regulatory Records email address above.

## V. COMPANY PROPOSAL

In developing the Company's proposed NDT accrual, it is important to consider the timing of this triennial filing. Most notably, we are making this filing while our 2019 IRP, in which we and our stakeholders are considering the long-term future of our nuclear fleet, is pending before the Commission.

In its January 11, 2017 Order in the Company's last IRP, the Commission specifically ordered that the Company describe in its next IRP "its plans and possible scenarios for cost-effective and orderly retirement of its aging baseload fleet, including Sherco, King, Monticello, and Prairie Island."<sup>5</sup> The 2019 IRP, therefore, addresses several alternatives for our nuclear fleet, including the continued operation of the units through the end of their licensed lives, possible early retirements of one or more units, and/or possible life extensions. Of these alternatives, the Company's Preferred Plan in the June 30, 2020 IRP Supplement proposes to extend the licensed life of the Monticello Plant, leaving the decision of whether to extend the life of Prairie Island (which is currently scheduled to retire several years after Monticello) for the next IRP. Consistent with that direction, we analyzed the impacts of the Monticello extension on the NDT accrual.

Additionally, Schedules J, K, and L thoroughly discuss alternative decommissioning scenarios, including both immediate decommissioning (DECON)<sup>6</sup> as well as the SAFSTOR<sup>7</sup> alternative. In fact, the Department raised SAFSTOR as an alternative in our 2015 IRP, noting that it would allow the decommissioning funds to accrue interest following retirement of the plants.<sup>8</sup> We note that the day before making this filing, we discovered additional review of our modeling of the SAFSTOR alternative scenarios is required. This additional review will not change our recommended accrual, but we expect that it may lower the SAFSTOR alternative accruals. We will

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<sup>5</sup> Docket. No. E002/RP-15-21 (January 11, 2017 Order at 12.)

<sup>6</sup> DECON is defined by the NRC as, "[a] method of decommissioning in which the equipment, structures, and portions of a facility and site containing radioactive contaminants are removed and safely buried in a low-level radioactive waste landfill or decontaminated to a level that permits the property to be released for unrestricted use shortly after cessation of operations."

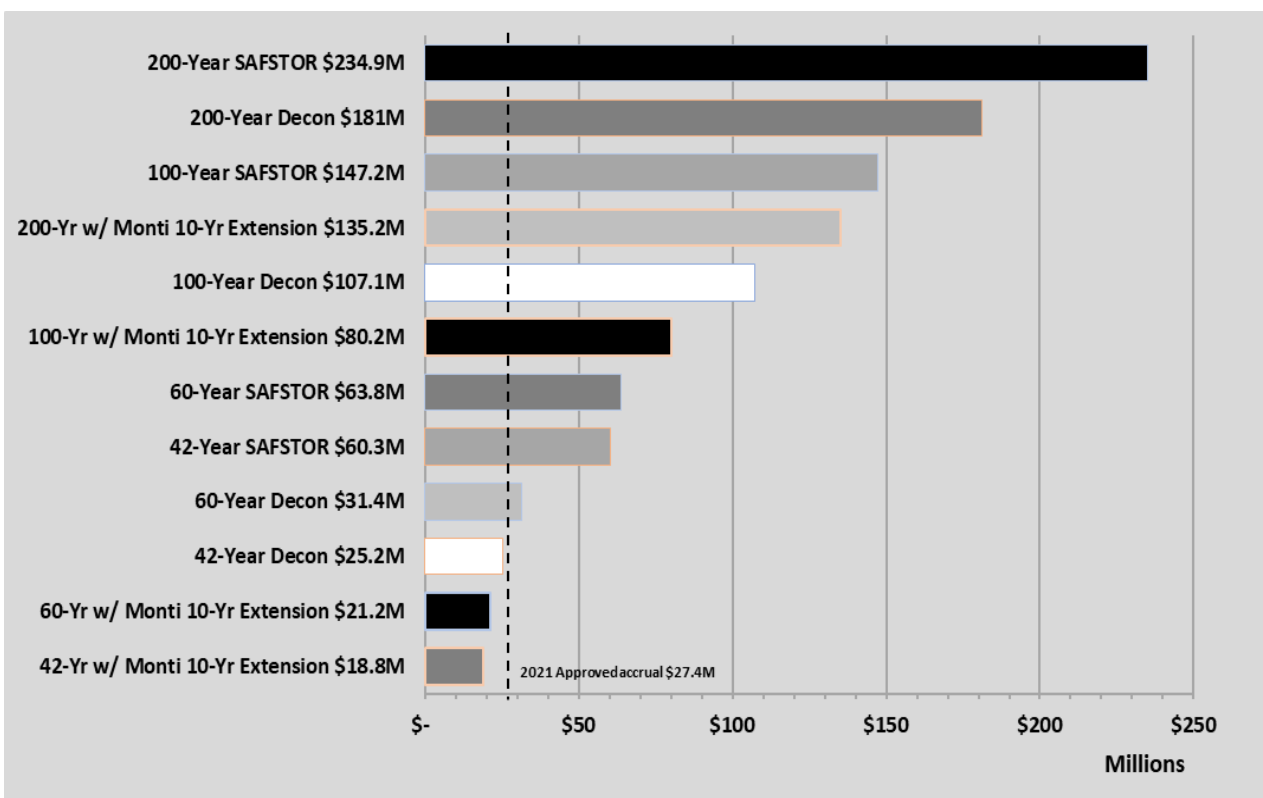
<sup>7</sup> SAFSTOR is defined by the NRC as, "[a] method of decommissioning in which a nuclear facility is placed and maintained in a condition that allows the facility to be safely stored and subsequently decontaminated (deferred decontamination) to levels that permit release for unrestricted use."

<sup>8</sup> Docket. No. E002/RP-15-21 (Department's July 8, 2016 Comments at 37-38).

file a supplement to this Petition with revised schedules based on the updated SAFSTOR calculations.

These two decision points—how long to operate the plants and how to decommission them—could have a dramatic impact on the accrual calculation for the NDT. The following table shows the potential accrual amounts under various scenarios involving the length of time Monticello runs, the method of decommissioning, and the amount of time the spent fuel is stored in Minnesota.

**Table 1 – Nuclear Decommissioning Triennial Accrual Alternatives**



In preparation for this Petition and setting our proposed accrual, we analyzed a variety of decommissioning scenarios and calculated a number of different accruals for the Commission. We discuss these various scenarios below. We also set forth all of the information required by the relevant statutes, Commission rules, and past Commission Orders.

Based on our review of these scenarios, we recommend increasing the annual accrual to \$31.4 million—the 60-year DECON Scenario identified in Table 1 above. The overall goal of the decommissioning accrual schedule is to ensure that the customers who benefit from nuclear power pay all the costs associated with that power at the

time it is generated—including the costs to eventually decommission the plants. We believe our proposal to increase the currently approved accrual to \$31.4 million is reasonable because it is consistent with past decisions setting accruals.

Although we considered accrual scenarios based on the extension of the Monticello operating license, we do not recommend adopting an accrual based on those scenarios at this time. We make this recommendation because the 2019 IRP remains pending, and the status of the Monticello extension is uncertain. Additionally, extending the license for Monticello requires obtaining additional regulatory approvals, including securing a Subsequent License Renewal from the Nuclear Regulatory Commission (NRC) and a Certificate of Need for additional spent fuel storage from the Commission. In light of these uncertainties, we believe it is most appropriate at this time to set the accrual based on a scenario that does not include a license extension. We note, however, that were we to account for the Monticello extension, the annual accrual could drop to \$21.2 million. Moreover, should the extension ultimately be approved, the accrual can be adjusted accordingly at a later date.

Finally, we propose to continue the assumption that the Department of Energy will continue to provide refunds for dry cask storage during the decommissioning process, as approved by the Commission in its March 20, 2020 Order in Docket No. E002/M-17-828

We believe this proposal is reasonable and represents the best path forward, while recognizing other decisions the Commission may make would require us to update the proposed accrual in the future. The remainder of this Petition presents the information and analyses that are required by statute, Commission rules, and past Commission Orders for triennial filings.

## **VI. REQUIRED DECOMMISSIONING INFORMATION**

### **A. Scenarios Evaluated**

Consistent with previous filings, the Company examines the impact of assumptions in (1) the engineering cost estimate; (2) costs associated with spent fuel storage following plant shutdown; (3) inflation and escalation; (4) earnings rates; (5) fund investment structure; and (6) recovery period.

As required by Minn. Stat. § 216B.2445, the Company provides scenarios assuming spent fuel will be stored in the State for 60 years, 100 years, and 200 years following cessation of operations at the plant. We include a 60-year scenario without recasking as our base case. This scenario is supported by the NRC evaluation and conclusion

that casks can safely store spent fuel for a minimum of 60 years and assumes replacement after 100 years. We discuss this assumption further in Part B.1.b.ii below. However, pursuant to the Commission's Order in our previous Triennial Nuclear Decommissioning Accrual filing, we have also provided 100-year and 200-year scenarios that include the cost of recasking every 50 years.<sup>9</sup> In addition, we are including a scenario that assumes spent fuel will be stored in the state for only 42 years. The scenarios discussed above have been provided using the immediate decommissioning (*i.e.*, DECON) scenario for decommissioning, which is consistent with what was provided in the 2017 Filing. In addition to these four DECON scenarios, the Company has provided delayed removal and dismantling (*i.e.*, SAFSTOR) scenarios assuming the same durations as the DECON scenarios. These two alternatives are discussed in Schedule A, which lays out the annual cash flows, as well as the cost estimate report provided by TLG Services, Inc. (TLG) in Schedule J for Monticello, Schedule K for Prairie Island, and Schedule L for the Monticello 10-year license extension.

The decommissioning accrual is an annuity calculation based on the yearly expenditures, in nominal dollars, provided for each cost estimate scenario. The cost estimate is jurisdictionalized for Minnesota retail customers using 72.9219% as presented in the current Minnesota rate case.<sup>10</sup> The escalation rate is used to inflate the jurisdictional cost estimate to future years, and the earnings rate represents the expected return of the fund. Then, an annuity payment is calculated such that, when added to the current fund balance and grown at the forward-looking after-tax expected return, it will result in an estimated fund balance sufficient to satisfy the estimated dismantling costs.

In total, the Company includes twelve accrual scenarios in this Petition. Eight are based on the DECON assumption. Four are based on the SAFSTOR assumption. Within each of these assumptions, we include scenarios for a 42-year, 60-year, 100-year, and 200-year dry cask storage operational period. All scenarios assume an accrual change in 2022. The accrual scenarios are presented in Schedule E.

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<sup>9</sup> *In the Matter of Northern States Power Company's for Approval of the 2016-2018 Triennial Nuclear Plant Decommissioning Accrual*, Docket No. E002/M-14-761, ORDER APPROVING NUCLEAR DECOMMISSIONING STUDY, ASSUMPTIONS, AND ANNUAL ACCRUAL, AND SETTING FILING REQUIREMENTS (October 5, 2015).

<sup>10</sup> IN THE MATTER OF XCEL ENERGY'S APPLICATION FOR AUTHORITY TO INCREASE ELECTRIC RATES, Docket No. E002/GR-20-723 (November 2, 2020).

## B. Primary Factors Changed Since 2017 Filing

The decommissioning analysis includes three discrete steps. The first is to determine a decommissioning cost estimate for a specific scenario.<sup>11</sup> The second is to determine the forward-looking expected-return estimate and escalation rate for the NDT. The forward-looking expected return is based on the investment mix over the relevant time period and includes an analysis of the expected returns on various asset classes and changing investment strategies based on when liquidity would be needed to cover decommissioning costs. The third step is to calculate an annual accrual necessary to fully fund the costs of decommissioning for each site based on the escalation rates and earnings estimates developed for the chosen scenario.

This section of the Petition examines the three primary drivers that contribute to changes in the amounts needed for decommissioning at the expiration of the plants' current operating licenses:

- *Changes to the engineering and other cost estimates.* We revised the engineering cost estimates, to transfer spent fuel from the pool to the Independent Spent Fuel Storage Installation (ISFSI) within 4 years of shutdown, rather than the 5 years previously used. This change reflects the Company's belief that the 5-year assumption was an overly conservative estimate, as industry peers are currently transferring spent fuel in as few as 2–3 years following plant shut down.
- *Changes in assumptions about escalation/inflation of costs over time.* We utilized two escalation/inflation rates: one for the labor cash flows and one for the non-labor cash flows;
- *Revisions to the forward-looking expected returns.* We applied two earnings rates: one for the operation period and another for the post shutdown period.

A detailed discussion of each of these primary drivers is provided below.

### 1. *Engineering and Other Cost Estimates*

Our consultant, TLG Services, Inc. (TLG), performed site-specific cost estimates for the twelve scenarios noted above (eight fuel scenarios for DECON and four fuel scenarios for SAFSTOR for each of the two sites). Schedules A.1-A16 show TLG's schedules of annual expenditures for each of the scenarios individually. A more complete comparison of the cost estimates between the previous filing and this filing is provided in Schedule A.

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<sup>11</sup> In all scenarios, it is assumed that the site is fully dismantled, radiologically decontaminated, and restored.

In addition to the cost estimates from TLG, the Company has provided a calculation of the NRC minimum funding amount applicable to the Company's facilities in Schedule A. The NRC minimum is a calculation of a generic cost to decommission based on the output of a unit and is calculated using a formula specified by the NRC. It is not intended to be a site-specific estimate of decommissioning, as it does not address site-specific issues. Instead, the NRC uses this as a gauge of the minimum level of funding a licensee must have to meet the NRC's funding assurance requirements of future decommissioning. Consistent with prior filings, the Company does not use the NRC minimum to determine the need for future decommissioning funding, but we provide it as a comparison data point for analysis. All the cost estimates from TLG are greater than the NRC minimum calculations, thus the accrual we propose is designed to fund more than the NRC minimum.

The decommissioning cost estimate is driven by two primary factors: the choice of decommissioning alternative for the radiological removal of the plant and the duration of fuel storage on site after operations. We discuss each in turn below.

a. Decommissioning Alternatives for Radiological Removal

The alternative chosen for the removal and decontamination of the radiological components of the nuclear plant can vary the timing of when the costs are incurred from early in the decommissioning timeframe for DECON to almost 50 years after operations cease for SAFSTOR. The annual costs associated with the radiological decommissioning alternative are similar across all the different spent fuel storage scenarios that are provided. For example, with the DECON method, the radiological removal costs are the same for the 42-year, the 60-year, the 100-year, and the 200-year spent fuel storage scenarios. Thus, the duration for storing spent fuel remaining on site does not affect the annual costs for the radiological decommissioning.

In addition to DECON scenarios, the Company has evaluated and provided SAFSTOR scenarios, in light of a significant number of plants using the SAFSTOR method. Of the nuclear plants in decommissioning, 10 sites are in SAFSTOR, 10 are in DECON, and 7 are complete and categorized as ISFSI-only. Many of these plants have stated, however, they do not intend to take the full 60 years but will finish decommissioning when economically viable. As noted above, we have discovered additional review of our modeling of the SAFSTOR scenarios is necessary, and we will provide updated analysis in a supplement to this Petition.

Regardless of the decommissioning option, we anticipate the plant will put all of its used fuel into dry storage containers and move it to the ISFSI within the first four years following shutdown. This could occur even faster as technology continues to

evolve. For example, Oyster Creek and Pilgrim nuclear plants, which shut down in 2018 and 2019 respectively, plan to have their used fuel moved to ISFSI less than 3 years after shutdown according to information supplied by their owner, Holtec International.

With either method, once the fuel has been moved to dry casks, the spent fuel pool and supporting systems can be dismantled, meaning that the pool can be drained and supporting equipment can be de-energized and secured. For SAFSTOR, the plant is then left intact during the dormancy period. During this time, there is a 24-hour security force, and maintenance of security systems along with lighting, building maintenance, ventilation and radiation monitoring programs. This dormancy period allows for an eventual reduction in worker dose rates during decommissioning as systems are allowed to decay before full dismantlement. It also results in a reduction in radioactive waste volumes at time of full dismantlement, which results in cost savings.

b. Period that Spent Fuel Could Potentially Remain Onsite

The second issue that influences the overall cost estimate is the duration of fuel storage after shutdown and the procedures in place for the handling of spent fuel. These include the period spent fuel remains in the pool, the period the fuel is stored onsite, and whether the fuel has to be moved to a second cask while stored onsite.<sup>12</sup>

As with all decommissioning cost estimates, the dismantlement and removal of contaminated structures cannot be completed until all spent fuel has been removed from the reactors and storage pools and placed in dry storage containers in the ISFSI. Final release of the site from all licenses will occur once all of the fuel is removed from the onsite storage facility and the storage facility itself has been removed. The differences between the 42-year and 60-year scenarios and the 100-year and 200-year scenarios are in part related to the storage facility operational period and whether the fuel storage scenario included costs to replace spent fuel dry storage casks every 50 years (*i.e.*, recasking). In our spent fuel scenarios, the 42-year and 60-year scenarios do not include recasking. The 100-year and 200-year scenarios include recasking every 50 years. Our recasking assumptions are discussed further in Part c below.

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<sup>12</sup> In our last triennial nuclear decommissioning filing, the Commission ordered that the Company provide a more detailed break out of “spent fuel management” costs in future decommissioning filings. In reference to this request the Company first notes that the engineering cost estimate provided in this filing contains tables 3.1-3.7 containing the costs assigned to spent fuel management by cost category and year for all seven scenarios. The cost estimates also provide a narrative discussion regarding what these costs include in section 2.1.4.

In developing the strategy for spent fuel shipping for the 60-year, 100-year, and 200-year scenarios, a key assumption is that all fuel would be shipped from one site first (Prairie Island) followed by the second site (Monticello). Allocations of space for shipping to a federal facility are provided on a company-wide basis, and the Company has the discretion to ship spent fuel from either site first, or both sites at the same time. If spent fuel were shipped from both sites at the same time, both ISFSIs would have to operate for the entire time period following shutdown, *i.e.* 60 years, 100 years, or 200 years. By completing shipping from one site first, overall costs would be lowered because the costs of operating and securing the first site’s ISFSI are eliminated approximately 13 years earlier.

However, the 42-year scenario assumes shipping from both sites simultaneously, resulting in the Prairie Island ISFSI operating until 2064 (31 years after plant shutdown) and the Monticello ISFSI operating until 2062 (32 years after plant shutdown). Table 2 below depicts the years that spent fuel shipping will begin and finish for the 42-year, 60-year, 100-year, and 200-year scenarios. The fuel shipping commencement and completion dates do not change because of the decommissioning alternative chosen or whether recasking is performed.

**Table 2 – Spent Fuel Shipping Schedules**

<b>Plant</b>	<b>Year Shipping Begins</b>	<b>Year Shipping Finishes</b>
42-year Scenario		
<b>Prairie Island</b>	2027	2064
<b>Monticello</b>	2042	2062
60-year Scenario (recasking or no recasking)		
<b>Prairie Island</b>	2053	2077
<b>Monticello</b>	2078	2090
100-year Scenario		
<b>Prairie Island</b>	2093	2117
<b>Monticello</b>	2118	2130
200-year Scenario		
<b>Prairie Island</b>	2193	2217
<b>Monticello</b>	2218	2230

These shipping schedules are informed by two sets of activities that are occurring at the national level. The first is the status of federal and private storage initiatives, permanent or temporary and the second is the NRC’s Continued Storage of Spent

Nuclear Fuel rule which went into effect on October 20, 2014.<sup>13</sup> Each is discussed in greater detail below.

i Status of Federal and Private Storage Initiatives, Permanent or Temporary.

**Licensing of Yucca Mountain.** The application to license the Yucca Mountain permanent repository remains pending before the NRC, following the unsuccessful attempt by the Obama Administration to terminate the proceeding and withdraw the application. The NRC Staff's technical and environmental reviews have been essentially completed, but the adjudicatory hearings on the application before the NRC Atomic Safety and Licensing Board remain suspended pending Congressional appropriations for both DOE and NRC. Numerous contentions submitted by Nevada and other opponents remain to be litigated and must be resolved before the NRC can license the project. The Administration did not include any funding for Yucca Mountain in the FY2021 budget proposal but included \$27 million to explore interim storage of waste at other sites. This bill is the first in recent years to not include any funding for Yucca Mountain, (compared with \$116 million in the FY 2020 and \$120 million in the FY 2019 budgets for both interim storage and Yucca Mountain). The reversal of the Administration's position is thought to be for political reasons. On July 13, 2020, the House Appropriations Committee adopted funding similar to the Administration's proposal and authorized \$27.5 million for interim storage only. The full House passed the bill by a vote of 217-197 on July 31, 2020. Any differences between the House and Senate bills will need to be resolved in conference. Current FY2021 funding is ongoing but it is unlikely there will be Yucca Mountain funding.

**Consolidated Interim Storage.** Away-from-reactor spent fuel storage as contemplated in the Nuclear Waste Policy Act (known as "Monitored Retrievable Storage") has not been part of the DOE's program since the early 1990s, though it remains in the NWPA. Three private initiatives are discussed below.

*Private Fuel Storage Initiative*

The Company pursued interim spent fuel storage with an eight-utility consortium Private Fuel Storage (PFS) project in Utah. PFS proposed to build a spent fuel storage facility on the West Central Utah reservation of the Skull Valley Band of

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<sup>13</sup> A copy of the Federal Register Notice which published the final NRC rule entitled, "Continued Storage of Spent Nuclear Fuel" dated September 19, 2014 can be found at the following web location:  
<http://www.gpo.gov/fdsys/pkg/FR-2014-09-19/pdf/2014-22215.pdf>

Goshute Indians. PFS and the Skull Valley Band entered into a lease in December 1996 that allowed for temporary storage of spent fuel for both the Prairie Island and Monticello plants.

The license application for the PFS Project was submitted to the NRC in June 1997. In February 2006, the NRC issued PFS a license for the interim storage facility. In September 2006, the U.S. Department of the Interior (DOI) disapproved the lease between PFS and the Skull Valley Band and at the same time denied PFS a right-of-way across federal land for the transport of spent fuel to the Skull Valley Reservation. In July 2010, the U.S. District Court for the District of Utah found that the DOI decisions were arbitrary and capricious for not properly considering evidence in the record and improperly relying on evidence outside of the record. The court vacated the DOI decisions and remanded the PFS's right-of-way application and lease to the DOI for further consideration, which was not initiated.

The State of Utah and a group opposed to the PFS Project appealed the NRC's license issuance for the PFS facility to the D.C. Circuit. The appeal was administratively terminated by the Court on its own motion in April 2018, without prejudice to the reopening of the case by any party. Even if the lease were approved and the right-of-way granted, the project must still overcome significant hurdles.

Because of the lengthy approval process that PFS experienced, companies who were initially interested have instead constructed onsite dry fuel storage facilities. A decision to revive the PFS project would depend on the outcome of the DOI's reconsideration, the judicial challenge at the D.C. Circuit if reinstated, continued opposition in Utah, and on sufficient interest and commitment to use the facility by companies with spent fuel, none of which is currently apparent.

#### *Interim Storage Partners (ISP) Consolidated Interim Storage Facility*

A centralized interim storage project was initiated by Waste Control Specialists (WCS) for a site in Andrews County, Texas, adjacent to WCS's existing low-level radioactive waste and hazardous waste storage and disposal facilities. The NRC license application for this project was filed in April 2016. In April 2017, WCS asked the NRC to suspend the review of this application. Subsequently, WCS and Orano USA (formerly Areva Nuclear Materials) formed a joint venture to license the facility. In response to letters to the NRC in June and July 2018 from the joint venture ISP, the NRC restarted its review of the application. In response to NRC's August 2018

notice of opportunity for hearing, a number of environmental and other organizations sought to intervene in the NRC proceeding. At about the same time, two organizations moved the Commission to reject the application (and the Holtec application described below), alleging that the NRC lacked the jurisdiction to consider the application. After the Commission denied those requests, one of the organizations appealed to the U.S. Court of Appeals for the D.C. Circuit on December 27, 2018. On June 13, 2019, in considering the NRC's motion, the Court dismissed the case as not ripe for judicial review. On August 23, 2019, the Atomic Safety and Licensing Board considered the hearing requests, admitted one contention submitted by one of the petitioners, and dismissed the remaining contentions and petitioners. A subsequent Licensing Board decision dismissed this contention as moot and rejected an attempt to amend the contention. The Board also dismissed another petitioner's late-filed contention. Appeals from the August 2019 Board decision remain pending before the Commission, and a late-filed contention submitted by one of the petitioners remains pending before the Board. The NRC's recently revised schedule for the environmental review shows a final EIS by July 2021.

*Holtec HI-STORE Consolidated Interim Storage Facility*

Holtec International has proposed the HI-STORE Centralized Interim Storage Facility for a site in Eddy and Lea Counties in southeastern New Mexico. Holtec filed an application with the NRC for this facility in March 2017. As noted above, a number of environmental and other organizations challenged the application, and following extensive proceedings in front of the NRC, Atomic Safety and Licensing Board, and in courts, the NRC's recently revised schedule for the environmental review shows a final EIS by July 2021.

ii. NRC Continued Storage of Spent Nuclear Fuel Rule

Historically, Waste Confidence has been the NRC's generic determination regarding the environmental impacts of storing spent nuclear fuel beyond the licensed life for operation of a nuclear power plant. This generic analysis has been incorporated into the NRC's reviews under the National Environmental Policy Act for new reactor licenses, license renewals, and ISFSI licenses through the Waste Confidence Rule. On June 8, 2012, the U.S. Court of Appeals for the DC Circuit found that some aspects of the Waste Confidence Rule did not satisfy the NRC's National Environmental Policy Act obligations and vacated the rulemaking.<sup>14</sup> The court indicated that, in making either a Finding of No Significant Impact based on an Environmental

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<sup>14</sup> *New York v. NRC*, 681 F.3d 471 (D.C. Cir. 2012)

Assessment or in an Environmental Impact Statement, the NRC needed to add additional discussions concerning the impacts of failing to secure permanent disposal for spent nuclear fuel, and concerning the impacts of certain aspects of potential spent fuel pool leaks and spent fuel pool fires.

In response to the court's decision, the NRC suspended final licensing decisions on new reactors, reactor license renewals, and spent fuel storage facility renewals. The NRC subsequently directed its staff to develop a new rule within 24 months.

On Sept. 6, 2012, the NRC Commission directed NRC staff to proceed with a Generic Environmental Impact Statement (GEIS) to analyze the environmental impacts of continued storage, address the issues raised in the Court's decision, and update the rule in accordance with the analysis in the GEIS. The final rule and GEIS was renamed from "waste confidence" to "continued storage of spent nuclear fuel" in response to public comment to more accurately reflect the nature and content of the rule. The GEIS and final rule effective October 20, 2014, implemented the Commission's direction.

The rule does not authorize, license or otherwise permit nuclear power plant licensees to store spent fuel for any length of time. Rather, the continued storage rule adopts the findings of the GEIS regarding the environmental impacts of storing spent fuel at any reactor site after the reactor's licensed period of operations. As a result, those generic impacts do not need to be re-analyzed in the environmental reviews for individual licenses. The GEIS analyzes the environmental impact of storing spent fuel beyond the licensed operating life of reactors over three timeframes: for 60 years (short-term), 100 years after the short-term scenario (long-term) and indefinitely. However, availability of a deep geologic repository within 60 years is commented on by the NRC in the Federal Register Notice of the Rule where it states on page 56,254:

*The United States national policy remains disposal of spent fuel in a geologic repository, and, as stated in the GEIS, the NRC believes that the most likely scenario is that a repository will become available by the end of the short-term timeframe (60 years beyond the licensed life for operation of a reactor).*

The possibility of even longer service times is supported by the evaluations performed in the NRCs NUREG-2157, Generic Environmental Impact Statement for Continued Storage of Spent Nuclear Fuel. Under the renewed ISFSI licenses, cask monitoring and maintenance activities are reviewed and approved by the NRC and provide reasonable assurance the casks will continue to store used nuclear fuel safely for a minimum of 60 years.

In NUREG- 2157, “The NRC assumes the replacement of dry casks after 100 years of service life, however, replacement times will depend on actual degradation observed during continued regulatory oversight for maintain safety during continued storage.”

c. Recasking Assumptions

We believe it is reasonable and appropriate to assume that no recasking will be necessary for either the 42-year or 60-year scenarios. Recent activities by the NRC indicate that cask life is at least 100 years or longer. This is supported by the NRC’s recent actions to process the renewal of the licenses of multiple ISFSIs,<sup>15</sup> including for Prairie Island, a total operation period of 60 years (a 20-year initial license plus a 40-year renewal) of operation. Under the renewed ISFSI licenses, cask monitoring and maintenance activities are reviewed and approved by the NRC and provide reasonable assurance that the casks will continue to store used nuclear fuel safely for a minimum of 60 years.

In addition, in the Generic Environmental Impact Statement for Continued Storage of Spent Fuel published in NUREG-2157 in September 2014, the NRC states, “The NRC assumes replacement of dry casks after 100 years of service life; however, replacement times will depend on actual degradation observed during continued regulatory oversight for maintaining safety during continued storage.” Taken together, we believe these findings support our assumption that no recasking will be necessary under the 60-year scenario. We further note that the large step up in the accrual for any scenarios with recasking is primarily due to the recasking assumption that is included in the cost estimate.

The Prairie Island site specific ISFSI license (SNM-2506), which permits storage of the TN-40 casks, was issued in 1993 for a 20-year period. The associated Safety Analysis Report (SAR) described a minimum design life of 25 years. The Company subsequently applied for, and the NRC granted, a renewal of license SNM-2506 for an additional 40 years through 2053. As part of the license renewal process, a review of Time-Limited Aging Analyses (TLAA) and the Aging Management Review (AMR) of the ISFSI systems, structures, and components were conducted. TLAA reviews identified analyses that were required to be performed to demonstrate intended functions would be maintained during the period of extended operation. AMRs identified aging effects/mechanisms that could adversely affect the ability of the systems, structures, and components to perform their safety functions during the period of extended operation and the application identifies an acceptable aging

management program to be implemented prior to the period of extended operation at the site. The NRC Staff reviewed the AMRs and the Aging Management Programs proposed by the Company and added license conditions reflecting the Aging Management Programs.

The Monticello ISFSI casks are authorized by Certificate of Compliance 72-1004 which permits the use of each cask for 20 years from the date it is placed into service. The associated SAR described a service life of 50 years. The general license holder (TN Americas LLC) has subsequently applied for a renewal of Certificate of Compliance 1004 for an additional 40 years. This application is pending NRC approval. As part of the license renewal process, a review of TLAA and the AMR of the ISFSI systems, structures, and components was conducted. TLAA reviews identified analyses that were required to be performed to demonstrate intended functions would be maintained during the period of extend operation. AMRs identified aging effects/mechanisms that could adversely affect the ability of the systems, structures, and components to perform their safety functions during the period of extended operation, and the application identifies an acceptable aging management program to be implemented prior to the period of extended operation at the site. The application included SAR markups to modify the service life to 60 years.<sup>16</sup>

Based on TLAA and AMRs that have been performed, experience to date and continuation of approved aging management programs to ensure that monitoring and maintenance are adequately performed, the Company believes it is reasonable to assume the licenses and Certificates of Compliance may eventually be renewed for an additional 40 years, or longer.

d. Technical and Regulatory Barriers to Transporting Spent Fuel

There are no technical or regulatory barriers to transporting spent fuel. The NRC regulates the transportation of commercial spent nuclear fuel in accordance with 10 CFR Part 71 – Packaging and Transport of Radioactive Material. Over the past 30 years, the DOE, NRC and the nuclear industry have safely completed approximately 3,000 shipments of spent nuclear fuel and high-level waste. There is also extensive worldwide experience with spent nuclear fuel transportation: more than 70,000 metric tons of uranium of spent nuclear fuel has been safely shipped in the past 25 years, including all the fuel from the Company’s decommissioned Pathfinder nuclear plant

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<sup>16</sup> The manufacture warranty states the design of the casks shall conform and comply with the applicable NRC requirements for 20 years. The warranty on the material and services typically applies for 2- 5 years from the date of services or material delivery.

in South Dakota and 1,058 fuel assemblies from the Company's Monticello Nuclear Generating Plant to a storage facility in Morris, IL This is equal to the amount the DOE will ship to a permanent repository as authorized in the Nuclear Waste Policy Act. Barriers are largely political and at the state level along the proposed transportation routes. DOE continues to provide funding to work on the potential transportation barriers such as public education and emergency planning along the transportation routes.

Under contract with DOE, nuclear plant operators are required to prepare spent fuel for shipment to DOE. To ship spent fuel the nuclear plant, operators are required to place the fuel in NRC-approved containers for transportation. The casks used for storage at Monticello and Prairie Island also will be used for transportation, and there will not be a need to move spent fuel from their current storage container prior to transport. The actual transportation will be the responsibility of DOE. To accomplish this, title and liability for the spent fuel will be transferred to DOE when the spent fuel transportation container crosses the nuclear-plant site boundary and is in the possession of DOE.

In addition, as described above, two private companies are moving through the NRC licensing process to open centralized interim storage facilities and would transport fuel using a private shipment model. The Company continues to lead important initiatives to prepare the industry and work with stakeholders to move used fuel either to interim or permanent storage facilities.

- e. Industry decommissioning status and use of third-party contractors

In compliance with Order Point 10 of the Commission's January 7, 2019 Order regarding the 2017 Filing, we provide this information regarding the use of third-party contractors for decommissioning the Prairie Island Nuclear Generating Plant.

The Zion plant in Illinois has been going through decommissioning under the responsibility of a third-party contractor, EnergySolutions (*i.e.*, ZionSolutions), which began decommissioning the plant in 2010. All of the above-grade plant structures at Zion have been removed. Radiological final status surveys and site restoration was completed in 2020. These results are significant because Zion's operating utility—Exelon—previously assumed that a decades-long SAFSTOR period would be required for its decommissioning trust to grow and become fully funded. Thus, the growth of third-party firms could reduce the prevalence of SAFSTOR if plants are able to decommission at a cost that is less than previously anticipated.

The NRC approved a transfer of the license of the Vermont Yankee plant from Entergy to a third-party decommissioning firm, NorthStar Group Services in July 2018. Like Exelon, Entergy had originally planned to enter a decades-long SAFSTOR period to allow its decommissioning trust funds to grow to a level sufficient to decommission the plant, but NorthStar stated that it can begin decommissioning immediately and complete it by 2030 and possibly as early as the mid-2020s. As we understand the transaction, NorthStar has taken over ownership of the plant and corresponding decommissioning trust. It will use the trust funds to decommission the plant and retain any unspent funds as profit from the transaction. In other words, NorthStar believes it can fully decommission the Vermont Yankee plant for less than Entergy anticipated when it originally planned to manage the decommissioning, and it was willing to take the risk associating with achieving these savings. The NRC approved the license transfer in October of 2018 and the Vermont Public Utility Commission issued an order approving the sale in December.

Holtec International (Holtec) has also emerged as a significant firm in the decommissioning industry. In 2019 Holtec purchased both the Oyster Creek and Pilgrim Nuclear plants for decommissioning. Holtec also announced an agreement in April 2019 to acquire Entergy's Indian Point Nuclear power plant units for expedited decommissioning. Under that agreement, Entergy will sell Units 1, 2, and 3 to a Holtec subsidiary, transferring licenses, spent fuel, decommissioning liability, and nuclear decommissioning trusts for the units.

Finally, Duke Energy Florida has finalized a contract with Accelerated Decommissioning Partners to do the decommissioning work at a cost of approximately \$540 million, with Duke remaining the owner but ADP is now the operator of Crystal River. They now expect the plant to be decommissioned by 2027 with only the dry cask storage facility remaining thereafter.

## 2. *Escalation/Inflation Rate*

The second primary driver of the decommissioning estimate is an updated set of assumptions regarding escalation and inflation. Goldman Sachs Asset Management (GSAM), our investment advisor for the NDT, provided the forecast analysis for the escalation/inflation rates used in this filing's accrual calculations. A more comprehensive narrative of this analysis and accompanying graphs are included in Schedule B, which includes a discussion of the economic and inflation factors, including gross domestic product growth, labor productivity, and other considerations utilized in estimating long-term inflation rates.

The Company recommends a 3.78 percent escalation rate for the labor component of decommissioning and a 2.58 percent escalation rate for the non-labor components. The 1.2 percent difference in this escalation rate for non-labor reflects the fact that increases in labor productivity will not have an impact on escalation of non-labor costs. These two rates were factored into the calculation of the future costs of nuclear decommissioning. However, the Prairie Island Indian Community payments were not escalated as they remain constant each year until the fuel is removed from the site.

### *3. Forecast Earnings Rate*

GSAM also provided the analysis for the forecasted earnings rate, which was reviewed internally for reasonableness. A more comprehensive narrative of this analysis and accompanying graphs are included in Schedule C, which includes a discussion of the analytical framework used by GSAM to arrive at the forward-looking expected returns. It also includes a discussion regarding our investment strategy, investment and economic assumptions, and the expected returns for the various classes of investments that are currently a part of the fund.

While there is inherent uncertainty in any forward-looking expected return and escalation/inflation forecasts, the longer it takes to complete the decommissioning, the more time the fund has to compound earnings on the amounts contributed. At the same time, however, a longer decommissioning period also subjects the fund to more risk that the estimated earnings will not be realized as expected.

Consistent with our past triennial filings, the Company recommends a stratification of the earnings rate between the operational period and the decommissioning period. We also recommend two earnings rates for each facility to better match the earnings rates with the individual cost estimates and to better replicate the separation in the Qualified Trusts within the NDT. Each unit has its own set of earnings rates due to the difference in the timing of cash flows and different decommissioning start dates. Table 3 below shows the expected after-tax returns that are representative of the analysis detailed in Schedule C.

**Table 3 – Earnings Rates Forecast**

Nuclear Unit	<u>60-Year Scenario</u>			
	<u>2017 Rates</u>		<u>2020 Rates</u>	
	Operations	Decom.	Operations	Decom.
Monticello	5.00%	4.43%	3.80%	3.10%
Prairie Island Unit 1	4.99%	4.15%	4.01%	2.80%
Prairie Island Unit 2	5.04%	4.09%	3.98%	2.72%

The decrease in the expected after-tax returns is largely the result of lower overall interest rates in the market impacting forward looking expected returns for multiple asset classes.

**C. Trust Structure & Investment Strategy**

The NDT investments are contained in three Qualified Trusts, which are a standard decommissioning fund that cannot be refunded to customers until all decommissioning activities are completed. The Company has established an individual Qualified Trust for each nuclear operating unit to hold the decommissioning funds required by the NRC.

Below we discuss our investment strategy for the NDT as well as our liquidity assumptions for the trust.

*1. Investment Strategy*

As discussed in previous triennial dockets, the Company’s NDT Committee routinely evaluates both the NDT’s performance and the overall investment strategy for the fund (including its asset allocation), and it revises both the strategy and allocation as necessary.

As part of this Triennial Nuclear Decommissioning Accrual filing, the Company undertook a comprehensive review of our investment allocations to evaluate portfolio changes that would be effective over the next triennial period. The process of determining the portfolio’s asset mix is called asset allocation optimization. Different mixes of assets can produce hundreds, or even thousands, of alternative combinations of risk and returns. As a result, asset allocation techniques are used in practice to evaluate the various possible asset mixes and determine those combinations that are likely to deliver optimal performance in terms of risk and return.

We have used this process to perform a long-term optimization of the asset allocation for the NDT’s investments. With any investment, there is always a trade-off between expected risk and the expected rate of return on that investment. Typically, strategies

with higher expected returns also come with higher expected risk and vice versa. The goal is to optimize the trade-off between risk and return over the long term. If, on one hand, too little risk is taken, increased contributions likely will be needed to make up for the lack of sufficient market returns. If, on the other hand, too much risk is taken, it also is possible that increased contributions will be needed in the event an unfavorable outcome is realized

Following the Company’s full analysis of multiple investment portfolios, we recommend the following investment mix shown in Table 4 below. We note that the development of this recommendation followed a process deemed prudent by the independent investment review required by the Commission’s February 27, 2017 Order in Docket No. E002/M-14-761. That review also concluded that the Company “has found an appropriate balance to achieving a reasonable risk adjusted return” and that its asset allocation is “properly diversified amongst a reasonable amount of non-correlated assets classes.”

**Table 4 – Recommended Investment Mix**

<b>Portfolio Line Item</b>	<b>2017 Target</b>	<b>2020 Target</b>
Total Equity	60.0%	58.0%
Private Equity	10.0%	10.0%
US All Cap Equity	25.8%	27.9%
Non-US Developed Equity	14.1%	12.6%
Emerging Markets Equity	10.1%	7.5%
Fixed Income	30.0%	30.0%
Investment Grade Fixed Income	12.1%	19.0%
High Yield Fixed Income	10.0%	5.0%
Emerging Market Debt	7.9%	6.0%
Private Real Estate	10.0%	12.0%
Cash	0.0%	0.0%
<b>Overall fund benchmark:</b>	<b>100.0%</b>	<b>100.0%</b>

Consistent with prior triennial filings, we request that the Commission approve this asset allocation, which we believe results in an optimized trade-off between risk and return over the long term on a forward-looking basis. That said, the Company will continue to analyze the portfolio asset mix and make updates and changes as necessary. In other words, the portfolio mix identified in this filing is a snapshot of a point in time and could change between now and the next triennial filing.

A more detailed discussion of the recommended target asset mix for the decommissioning fund, along with an analysis of the forward-looking expected returns is included in Schedule C.

a. Liquidity Assumptions

Our analysis assumes that the funds are invested in bonds as a cash outlay is approached. For each expected annual outgoing cash flow, assets are converted to bonds ahead of time to give more certainty to the ability to make the payment. Not all funds are converted to bonds – only enough to cover each annual cash outflow. For example, if the conversion is at a five-year period, the first outflows expected in 2030 are converted to bonds in 2025; then in 2026, enough cash is converted to bonds to match the 2031 expected outflow.

**D. Current Fund Balances**

Annually, the Company reports the balances in the various funds in either this petition or a separate letter. The balances for both the Qualified Trust for the MN Jurisdiction are discussed below.

1. *Qualified Trust*

As of June 30, 2020, the Qualified Trust book value balance for all three operating units was a total of \$1,306 million for the MN Jurisdiction, with a total market value of \$1,765 million. The difference between the book value and the market value is the unrealized gains and losses. Table 5 below shows the book and market values by unit. A detailed presentation of each unit’s balances is presented in Schedule D.

**Table 5 – Qualified Trust Balance as of June 30, 2020**

Unit	Book Value	Market Value
Monticello	\$594,749,330	\$793,777,262
Prairie Island Unit 1	335,862,951	458,345,888
Prairie Island Unit 2	375,757,525	512,577,436
Total	\$1,306,369,807	\$1,764,700,585

The Qualified Trust balances are maintained by retail and wholesale jurisdictions. The retail jurisdictions are Minnesota, North Dakota, South Dakota, and Wisconsin. The wholesale jurisdictions are Minnesota and Wisconsin; since 2014, there have been no wholesale customers. The wholesale balance that was previously collected from wholesale customers is applied to the estimated dismantling cost on a jurisdictional

basis and reduces the accrual calculation for which the retail customers are responsible.

In Order Point 10 of the January 7, 2019 Order in Docket No. E002/M-17-828, the Commission required that “Xcel shall also report on whether the Company should redistribute to retail customers the wholesale customer contribution.” We believe that redistributing funds is not necessary, but if FERC approval to transfer the funds were sought and received, doing so would not be unreasonable. Whether we redistribute funds from the wholesale customers to retail customers, what is critical is to ensure that the amount of funds assigned to the two wholesale jurisdictions is factored into the Minnesota retail accrual calculation. The reason we believe that we have to factor a portion of the wholesale balance into the accrual calculation relates to the allocation of the cost estimate to each jurisdiction. One hundred percent of the cost estimate is allocated to the retail jurisdictions as these customers carry the burden of funding the remaining amount for decommissioning. If we did not include a portion of the wholesale balance in the accrual calculation, the accrual calculations for each retail jurisdiction will over recover the amount needed by the wholesale balance. Thus, we must account for the Minnesota jurisdictional amount of the Minnesota and Wisconsin wholesale balance when calculating the accrual.

The book value balance for the Minnesota and Wisconsin wholesale jurisdictions in total was \$49.7 million, and the market value was \$66.5 million at June 30, 2020. The proposed distribution of these balances using the rate case demand allocators, assigned 72.9219% of the total to the Minnesota Retail jurisdiction, or \$36.2 million additional book value balance and \$48.5 million in market value balance. The allocation of the wholesale jurisdiction balances is included in Schedule D. Including the Minnesota Retail portion of the wholesale jurisdiction balances to the June 30, 2020 balances, results in the adjusted balances used in this filing as follows in Table 6:

**Table 6 – Adjusted Qualified Trust Balance as of June 30, 2020**

Unit	Book Value	Market Value
Monticello	\$610,109,002	\$814,968,100
Prairie Island Unit 1	346,629,286	471,960,960
Prairie Island Unit 2	385,837,890	526,255,835
Total	\$1,342,576,178	\$1,813,184,895

## 2. *Beginning Fund Balance for Annuity Calculation*

The 2017 Filing was submitted using the fund's adjusted market values, per the Commission order, and the 2020 filing continues to use the adjusted market value as a basis for the accrual. Using the adjusted market value is consistent with forward looking market conditions and will provide the most justifiable and proper accrual estimate at this time. The adjusted funds currently have a \$470.6 million unrealized net gain. However, not all of this unrealized gain is available to fund decommissioning costs because taxes will have to be paid on the gains when they are realized. Therefore, the June 30, 2020 adjusted market value was dampened by \$131.0 million for the estimated tax that can be expected be paid when the unrealized gain is realized. The Company calculated the tax effect on the June 30, 2020 adjusted market value based on the unrealized gains and losses in the portfolio. This tax effect calculation is shown with each accrual calculation in Schedule E.

## 3. *Escrow Fund*

In the 2014 Filing, the Commission approved the discontinuance of the Escrow Fund and approved the transfer (pour-over) to the Qualified Trust. The Company completed this pour-over in 2016 and reported a zero balance in the Escrow Fund with the 2017 compliance filing to 2014 Filing.

## **VII. EFFECT OF CHANGE UPON THE COMPANY'S REVENUE**

Subdivision 1 (b) of Minn. Stat. §216B.2445 requires the inclusion of an estimated customer impact for each of the assumed periods. For this petition we calculated the rate impact to each of the customer classes on a \$/kWh increase. This was done by allocating the estimated accruals for the various scenarios presented in Schedule F to the customer classes using the most recent Class Cost of Service Study.

The class allocation process used the same stratification methodology approved by the Commission in Docket No. E002/M-11-807 to return the DOE Settlement dollars to customers. This included an approximate 19.0 percent weight to capacity and an 81.0 percent weight to energy usage from Docket No E002/GR-19-564. The accrual was then divided by the energy each class forecasted to be used over a 12-month period ending December 31, 2020, also from Docket No. E002/GR-19-564, to determine a \$/kWh that would be required for that class to collect its portion of the accrual. Schedule F provides the result of this calculation for all accruals provided in Schedule E.

## VIII. EOL NUCLEAR FUEL

At the time each nuclear unit is shut down, there will be nuclear fuel remaining in the reactor that has not been fully utilized. We refer to this unused fuel as end-of-life (EOL) nuclear fuel. The unused fuel cannot be transferred to another facility, and the amortization expense for said fuel would have to be taken at the end of operations at each unit. To avoid this spike in amortization at the end of the useful life of each unit, the Company estimates the expected cost of unused fuel at the end of operations and amortizes the expense over the remaining life of each unit. This is done using a sinking fund method.

The Company recommends a decrease to the annual internal accrual for EOL nuclear fuel for this triennial filing. The Company is proposing to change the 2022 accrual based on the new EOL nuclear fuel factors discussed in Schedule G. The Minnesota jurisdictional annual accrual for 2022 is requested to be \$714,366. This is a decrease of \$1,591,993 over the accrual based on the factors approved in the 2017 Filing.

This recommended decrease stems mainly from an update in the estimates of the cost of the final fuel at shutdown. The estimated amount to be recovered decreased approximately \$38 million from the estimate used in the 2017 Filing. The decrease was primarily the result of leveling of \$/MWh through optimization of the multi-cycle core fuel designs close to EOLL, primarily at Prairie Island Unit 2, and lower projected nuclear fuel commodity prices in the future. The 2022 accrual worksheet detailing the calculation is included in Schedule G.

## IX. PREMATURE RISK INVESTIGATION

In previous Orders, the Commission has directed the Company to provide an investigation of premature risk in its Triennial Nuclear Decommissioning Accrual filings.<sup>17</sup> Consistent with the Commission's prior orders, our investigation included the following aspects of the risks of premature decommissioning:

- The availability of commercial insurance.
- The availability of electric industry co-insurance.
- Any programs, which may be proposed, mandated, or administered by the NRC or any other United States Government agency.

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<sup>17</sup> *In the Matter of the Petition of Northern States Power Company d/b/a Xcel Energy for Approval of the 2012-2014 Triennial Nuclear Plant Decommissioning Accrual*, Docket No. E002/M-11-939, Order Approving Decommissioning Plan and Modifying Refund Plan, (Dec. 4, 2012).

- Specific detailed information pertaining to any steps the Company has taken to minimize any possible loss, which may occur as a result of premature decommissioning.
- The Company's ability to withstand possible economic and financial trauma, which may be associated with premature decommissioning.

Schedule H contains the regular response to that request. It addresses accident and non-accident related premature decommissioning of nuclear generating facilities. Presently, insurance is unavailable for non-accident related premature decommissioning such as those caused by regulatory directives. Therefore, the insurance analysis deals with accidents.

The Company's property insurance coverage of \$2.65 billion would largely offset the potential impact of an accident-related decommissioning. Although accident-related decommissioning expenses are significant, the length of time involved in a clean-up process, insurance payments, tax deductibility of expenses, and related rate relief would affect the yearly expense. Although accident related premature decommissioning would affect both the Company and its customers, it is anticipated that, with acceptable regulatory decisions, the financial integrity of the Company would be maintained.

## **X. ASSET RETIREMENT OBLIGATION**

The implementation of the Statement of Financial Accounting Standards No. 143 (SFAS 143), *Accounting for Asset Retirement Obligations* (ARO) in January of 2003 brought some changes to the accrual accounting for decommissioning. Financial Accounting Standards Board (FASB) Interpretation No. 47 (FIN 47), *Accounting for Conditional Asset Retirement Obligations* was released in March 2005. These statements are both included within the FASB Accounting Standards Codification (ASC) 410 *Asset Retirement and Environmental Obligations*. This Interpretation of the conditionality of an ARO has resulted in some additional accounting analysis for many of the fixed assets at the Company. Nuclear decommissioning was never assumed to be conditional in nature, thus the ARO accounting for nuclear decommissioning established in 2003 is unaffected by this Interpretation. Nonetheless, a summary of the ARO accounting for nuclear decommissioning is included in Schedule I for reference. This section is provided in response to the Commission's Order Point 9. from the 2017 Filing.

## CONCLUSION

Xcel Energy respectfully requests the Commission approve our Petition for Approval of the 2022-2024 Nuclear Decommissioning Accrual. As described in this filing, we specifically request Commission approval of:

- Approve our decommissioning study and assumptions as compliant with the Company's obligations under Minnesota statutes, Commission rules, and prior precedent;
- Continue allocation of DOE settlement funds to the NDT;
- Approve an accrual of \$31,368,901 effective in 2022 to meet the needs of the Company's 60-year spent fuel scenario, with no recasking of the fuel, for 2022 through 2024 while strategic decisions about the future of our nuclear units are decided in our 2019 IRP;
- Approve an annual accrual of \$0.7 million for EOL nuclear fuel for the calendar year 2022 through 2024; and
- Approve the proposed asset allocation for the NDT.

The next decommissioning filing would be for the calendar years 2025 through 2027 with the submittal due December 1, 2023.

Dated: December 1, 2020

Northern States Power Company

STATE OF MINNESOTA  
BEFORE THE  
MINNESOTA PUBLIC UTILITIES COMMISSION

Katie J. Sieben	Chair
Valerie Means	Commissioner
Matthew Schuerger	Commissioner
Joseph K. Sullivan	Commissioner
John A. Tuma	Commissioner

IN THE MATTER OF THE PETITION OF  
NORTHERN STATES POWER COMPANY  
FOR APPROVAL OF THE 2022-2024  
TRIENNIAL NUCLEAR DECOMMISSIONING  
STUDY & ASSUMPTIONS

DOCKET NO. E002/M-20-\_\_\_\_

**SUMMARY**

**SUMMARY OF FILING**

Please take notice that on December 1, 2020, Northern States Power Company, doing business as Xcel Energy, filed with the Minnesota Public Utilities Commission its Petition for approval of its Triennial Nuclear Decommissioning Study and Assumptions. In this Petition the Company analyzed several decommissioning scenarios and calculated a number of different accruals. The resulting accrual calculations range from an \$8.6 million reduction to an increase of \$207.5 million.

The full version of this filing can be found by searching the Department of Commerce's e filing website:

<https://www.edockets.state.mn.us/EFiling/edockets/searchDocuments.do?method=showeDocketsSearch&showEdocket=true&userType=public>.

A docket number has not yet been assigned, but the filing can be found by searching the Received Date: December 1, 2020, and On Behalf Of: Xcel Energy.

**CERTIFICATE OF SERVICE**

I, Paget Pengelly, hereby certify that I have this day served copies or summaries of the foregoing document on the attached list of persons.

- xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States Mail at Minneapolis, Minnesota
- xx electronic filing

**Docket No.            E002/M-17-828**  
**Xcel Energy's Miscellaneous Electric Service List**

Dated this 1<sup>st</sup> day of December 2020

/s/

---

Paget Pengelly  
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sigurd W.	Anderson	mariner@eldinc.com	Engineering Lab Design	30910 716th St  Lake City, MN 55041	Electronic Service	No	OFF_SL_17-828_M-17-828
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Sharon	Ferguson	sharon.ferguson@state.mn.us	Department of Commerce	85 7th Place E Ste 280  Saint Paul, MN 551012198	Electronic Service	No	OFF_SL_17-828_M-17-828

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414 Nicollet Mall  
Minneapolis, MN 55401

January 19, 2021

—Via Electronic Filing—

Will Seuffert  
Executive Secretary  
Minnesota Public Utilities Commission  
121 7<sup>th</sup> Place East, Suite 350  
St. Paul, MN 55101

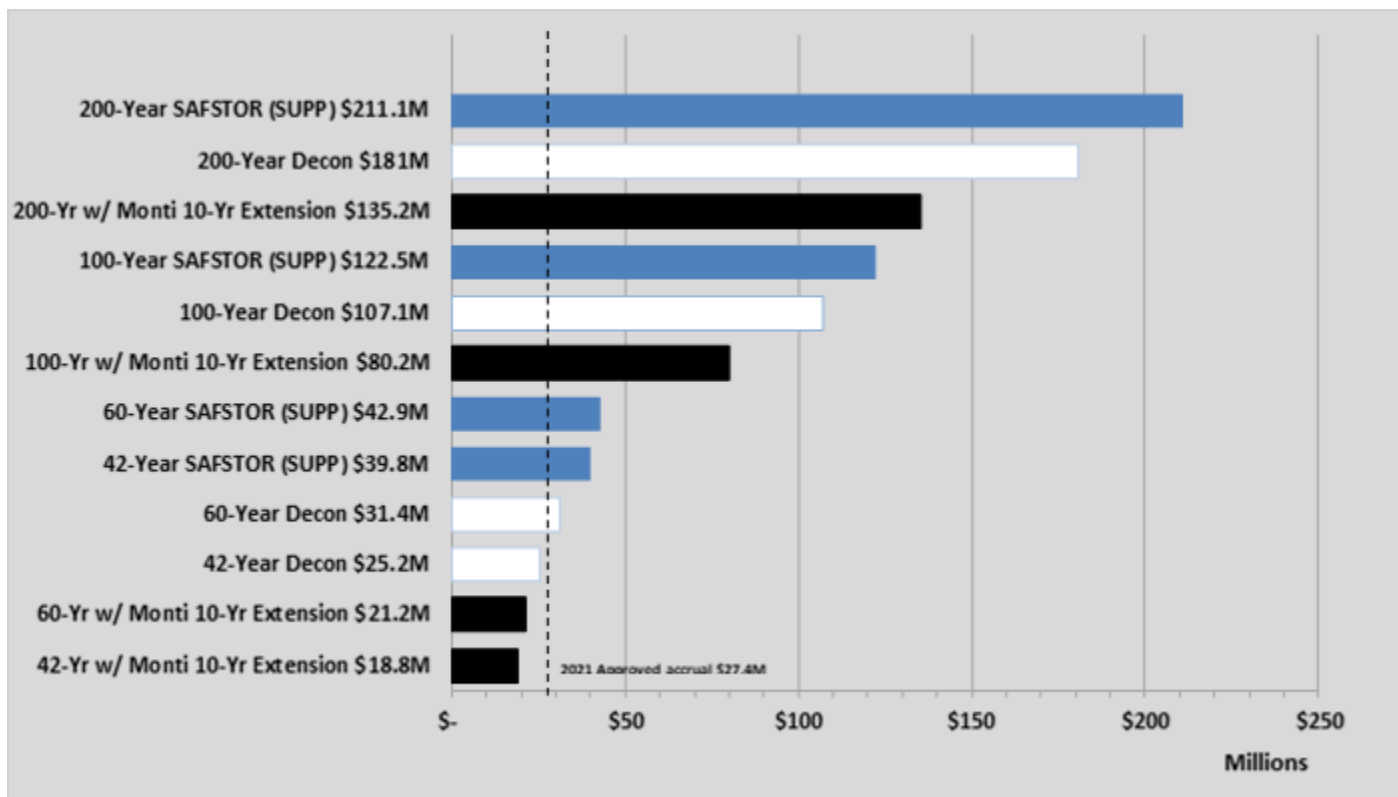
RE: SUPPLEMENTAL INFORMATION TO XCEL ENERGY'S COMPLIANCE PETITION  
FOR THE 2022-2024 TRIENNIAL NUCLEAR PLANT DECOMMISSIONING STUDY  
& ASSUMPTIONS  
DOCKET No. E002/M-20-855

Dear Mr. Seuffert:

Northern States Power Company, doing business as Xcel Energy, submits to the Minnesota Public Utilities Commission this Supplement updating the SAFSTOR calculations in our Petition for Approval of the Company's 2022-2024 Triennial Nuclear Decommissioning Accrual submitted December 1, 2020 in the above-noted docket.

On page 6 of our Petition, the Company stated that additional review of the SAFSTOR accrual calculations would be performed. We have updated the Property Tax assumptions in the accrual models and provided revised Schedules E5, E6, E7, and E8. We also provide a revised Table 1 from our Petition below with the updated SAFSTOR calculations. These updated SAFSTOR calculations do not change our recommended accrual.

**Table 1 (Revised) – Nuclear Decommissioning Triennial Accrual Alternatives**



We have electronically filed this document with the Minnesota Public Utilities Commission, and copies have been served on the parties on the attached service list. Please contact me at [allen.krug@xcelenergy.com](mailto:allen.krug@xcelenergy.com) or (612) 330-6270 or Laurie Wold at [laurie.j.wold@xcelenergy.com](mailto:laurie.j.wold@xcelenergy.com) or (612) 330-5510 if you have any questions regarding this filing.

Sincerely,

/s/

ALLEN D. KRUG  
 ASSOCIATE VICE PRESIDENT, STATE REGULATORY POLICY  
 RATES AND REGULATORY AFFAIRS

Enclosures  
 c: Service List

Xcel Energy  
 Nuclear Decommissioning Accrual  
 32-Year Decommissioning Period  
 DECON Method - No Recasking

Docket No. E002/M-20-855  
 REVISED Schedule E.5  
 Page 1 of 11

Proposed

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**2022 ACCRUAL COMPARISON**

	Present	Proposed	Difference
Monticello	\$8,507,110	\$13,102,455	\$4,595,345
Prairie Island Unit 1	12,399,703	17,394,274	4,994,571
Prairie Island Unit 2	6,511,608	9,332,181	2,820,573
<b>TOTAL</b>	<b>\$27,418,421</b>	<b>\$39,828,909</b>	<b>\$12,410,488</b>

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**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
**DECON Method - No Recasking**

**Docket No. E002/M-20-855**  
**REVISED Schedule E.5**  
**Page 2 of 11**

**Proposed**

**2022 MN RETAIL SUMMARY**

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Market Value Balance 6/30/2020	Book Value 6/30/2020	Unrealized Gain/Loss 6/30/2020	Tax-Effect Adjustment	Tax-Adjusted Fund Balance 6/30/2020	2022-2024 Decommissioning Accrual
Monticello	9.67	3.95%	3.77%	\$814,968,100	\$610,109,002	\$204,859,098	\$57,032,773	\$757,935,327	<b>\$13,102,455</b>
Prairie Island Unit 1	13.25	3.94%	3.79%	471,960,960	346,629,286	125,331,674	34,892,338	437,068,622	<b>17,394,274</b>
Prairie Island Unit 2	14.42	4.01%	3.79%	526,255,835	385,837,890	140,417,945	39,092,356	487,163,479	<b>9,332,181</b>
<b>TOTAL DECOMMISSIONING ACCRUAL</b>				<b>\$1,813,184,895</b>	<b>\$1,342,576,178</b>	<b>\$470,608,717</b>	<b>\$131,017,467</b>	<b>\$1,682,167,428</b>	<b>\$39,828,909</b>

**INPUT DATA**

Escalation Rate (Labor)	3.78%
Escalation Rate (Non-Labor)	2.58%
Escalation Rate (PIIC)	0.00%
Jurisdictional Factor	72.9219%
Tax Rate for tax-effect adjustment	27.84%

Xcel Energy  
 Nuclear Decommissioning Accrual  
 32-Year Decommissioning Period  
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Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PIIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$	
	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor				
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$				Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$				Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$							
<b>Monticello</b>	<i>72.9219%</i>					<i>2.58%</i>					<i>0.00%</i>								
<i>Factors</i>	<i>2020</i>				<i>3.78%</i>														
2030	\$18,693,499	\$0	\$18,693,499	\$13,631,655	1.4492	\$19,754,994	\$8,273,522	\$0	\$8,273,522	\$6,033,209	1.2901	\$7,783,443	\$0	\$0	1.0000	\$0	\$26,967,021	\$19,664,864	\$27,538,437
2031	68,992,664	-	68,992,664	50,310,762	1.5040	75,667,386	48,059,769	-	48,059,769	35,046,097	1.3234	46,380,004	-	-	1.0000	-	117,052,433	85,356,858	122,047,300
2032	44,420,428	-	44,420,428	32,392,220	1.5609	50,561,016	59,901,481	-	59,901,481	43,681,298	1.3575	59,297,362	-	-	1.0000	-	104,321,909	76,073,518	109,858,379
2033	41,095,925	-	41,095,925	29,967,929	1.6199	48,545,049	65,791,740	-	65,791,740	47,976,587	1.3926	66,812,194	-	-	1.0000	-	106,887,665	77,944,516	115,357,243
2034	31,070,192	-	31,070,192	22,656,974	1.6811	38,088,639	46,103,626	-	46,103,626	33,619,640	1.4285	48,025,655	-	-	1.0000	-	77,173,817	56,276,614	86,114,295
2035	9,293,106	-	9,293,106	6,776,709	1.7446	11,822,647	3,357,339	-	3,357,339	2,448,236	1.4653	3,387,400	-	-	1.0000	-	12,650,445	9,224,945	15,410,047
2036	10,038,417	-	10,038,417	7,320,205	1.8106	13,253,963	5,533,357	-	5,533,357	4,035,029	1.5032	6,065,456	-	-	1.0000	-	15,571,775	11,355,234	19,319,419
2037	10,372,956	-	10,372,956	7,564,157	1.8790	14,213,050	6,596,889	-	6,596,889	4,810,577	1.5419	7,417,429	-	-	1.0000	-	16,069,845	12,374,734	21,630,479
2038	9,473,081	4,593,659	4,879,422	3,558,167	1.9501	6,938,782	3,897,264	218,856	3,678,408	2,682,365	1.5817	4,242,697	-	-	1.0000	-	8,557,830	6,240,532	11,181,479
2039	10,372,956	4,593,659	5,779,297	4,214,373	2.0238	6,596,889	6,596,889	218,856	6,378,033	4,650,983	1.6225	7,546,220	-	-	1.0000	-	12,157,330	8,865,356	16,075,268
2040	10,758,317	4,593,659	6,164,658	4,495,386	2.1003	9,441,659	7,693,057	218,856	7,474,201	5,450,330	1.6644	9,071,529	-	-	1.0000	-	13,638,860	9,945,716	18,513,188
2041	9,275,119	4,593,659	4,681,460	3,413,809	2.1797	7,441,080	3,303,378	218,856	3,084,522	2,249,292	1.7073	3,840,216	-	-	1.0000	-	7,765,982	5,663,101	11,281,296
2042	9,275,119	4,593,659	4,681,460	3,413,809	2.2620	7,722,037	3,303,378	218,856	3,084,522	2,249,292	1.7514	3,939,410	-	-	1.0000	-	7,765,982	5,663,101	11,661,447
2043	9,275,119	4,593,659	4,681,460	3,413,809	2.3475	8,013,917	3,303,378	218,856	3,084,522	2,249,292	1.7966	4,091,078	-	-	1.0000	-	7,765,982	5,663,101	12,054,995
2044	9,301,530	4,593,659	4,706,871	3,432,340	2.4365	8,362,209	3,319,696	218,856	3,100,840	2,261,191	1.8429	4,167,150	-	-	1.0000	-	7,807,711	5,693,531	12,529,359
2045	9,275,119	4,593,659	4,681,460	3,413,809	2.5284	8,631,476	3,303,378	218,856	3,084,522	2,249,292	1.8905	4,252,286	-	-	1.0000	-	7,765,982	5,663,101	12,883,762
2046	9,275,119	4,593,659	4,681,460	3,413,809	2.6239	8,957,494	3,303,378	218,856	3,084,522	2,249,292	1.9392	4,361,827	-	-	1.0000	-	7,765,982	5,663,101	13,319,321
2047	9,275,119	4,593,659	4,681,460	3,413,809	2.7231	9,296,144	3,303,378	218,856	3,084,522	2,249,292	1.9893	4,474,517	-	-	1.0000	-	7,765,982	5,663,101	13,770,661
2048	10,020,016	4,593,659	5,426,357	3,957,003	2.8261	11,182,885	4,478,154	218,856	5,259,298	3,835,180	2.0406	7,826,068	-	-	1.0000	-	10,685,655	7,792,183	19,008,953
2049	9,275,119	4,593,659	4,681,460	3,413,809	2.9329	10,012,361	3,303,378	218,856	3,084,522	2,249,292	2.0932	4,708,218	-	-	1.0000	-	7,765,982	5,663,101	14,720,579
2050	9,275,119	4,593,659	4,681,460	3,413,809	3.0438	10,930,953	3,303,378	218,856	3,084,522	2,249,292	2.1472	4,829,680	-	-	1.0000	-	7,765,982	5,663,101	15,259,633
2051	9,275,119	4,593,659	4,681,460	3,413,809	3.1588	10,783,541	3,303,378	218,856	3,084,522	2,249,292	2.2026	4,954,290	-	-	1.0000	-	7,765,982	5,663,101	15,737,832
2052	9,404,318	4,593,659	4,810,658	3,508,024	3.2782	11,500,003	3,631,058	218,856	3,412,202	2,488,243	2.2595	5,622,185	-	-	1.0000	-	8,222,861	5,996,266	17,122,888
2053	9,586,481	4,593,659	4,992,822	3,640,861	3.4021	12,386,573	4,237,465	218,856	4,018,609	2,930,446	2.3178	6,792,188	-	-	1.0000	-	9,011,432	6,571,307	19,178,761
2054	9,482,694	4,593,659	4,889,035	3,565,177	3.5307	12,587,570	4,237,465	218,856	3,707,247	2,703,395	2.3776	6,427,592	-	-	1.0000	-	8,596,282	6,268,572	19,115,162
2055	9,482,694	4,593,659	4,889,035	3,565,177	3.6642	13,063,522	4,237,465	218,856	3,707,247	2,703,395	2.4389	6,993,310	-	-	1.0000	-	8,596,282	6,268,572	19,656,831
2056	9,923,255	4,593,659	5,329,596	3,886,443	3.8027	14,778,976	4,969,015	218,856	4,969,015	3,623,500	2.5018	8,065,273	-	-	1.0000	-	10,298,611	7,509,943	23,844,248
2057	9,794,056	4,593,659	5,200,397	3,792,228	3.9464	14,965,650	4,860,190	218,856	4,641,334	3,384,549	2.5664	8,686,107	-	-	1.0000	-	9,841,732	7,176,778	23,651,757
2058	9,794,056	4,593,659	5,200,397	3,792,228	4.0956	15,531,451	4,860,190	218,856	4,641,334	3,384,549	2.6326	8,910,164	-	-	1.0000	-	9,841,732	7,176,778	24,441,615
2059	9,794,056	4,593,659	5,200,397	3,792,228	4.2504	16,118,488	4,860,190	218,856	4,641,334	3,384,549	2.7005	9,139,975	-	-	1.0000	-	9,841,732	7,176,778	25,258,463
2060	9,611,893	4,593,659	5,018,233	3,659,391	4.4111	16,141,941	4,253,783	218,856	4,034,927	2,942,346	2.7702	8,150,886	-	-	1.0000	-	9,053,161	6,601,737	24,292,827
2061	9,482,694	4,593,659	4,889,035	3,565,177	4.5778	16,320,667	3,926,103	218,856	3,707,247	2,703,395	2.8416	7,681,967	-	-	1.0000	-	8,596,282	6,268,572	24,002,634
2062	9,586,481	4,593,659	4,992,822	3,640,861	4.7509	17,297,366	4,237,465	218,856	4,018,609	2,930,446	2.9150	8,542,251	-	-	1.0000	-	9,011,432	6,571,307	25,839,617
2063	9,482,694	4,593,659	4,889,035	3,565,177	4.9305	17,578,105	3,926,103	218,856	3,707,247	2,703,395	2.9902	8,083,691	-	-	1.0000	-	8,596,282	6,268,572	25,661,797
2064	9,508,105	4,593,659	4,914,446	3,583,707	5.1168	18,337,114	3,942,421	218,856	3,723,565	2,715,294	3.0673	8,328,622	-	-	1.0000	-	8,638,011	6,299,002	26,665,736
2065	9,586,481	4,593,659	4,992,822	3,640,861	5.3103	19,334,063	4,237,465	218,856	4,018,609	2,930,446	3.1465	9,220,649	-	-	1.0000	-	9,011,432	6,571,307	28,554,713
2066	9,482,694	4,593,659	4,889,035	3,565,177	5.5110	19,647,690	3,926,103	218,856	3,707,247	2,703,395	3.2276	8,725,477	-	-	1.0000	-	8,596,282	6,268,572	29,373,168
2067	9,482,694	4,593,659	4,889,035	3,565,177	5.7193	20,390,317	3,926,103	218,856	3,707,247	2,703,395	3.3109	8,950,670	-	-	1.0000	-	8,596,282	6,268,572	29,340,987
2068	9,611,893	4,593,659	5,018,233	3,659,391	5.9355	21,720,317	4,253,783	218,856	4,034,927	2,942,346	3.3963	9,993,089	-	-	1.0000	-	9,053,161	6,601,737	31,713,405
2069	9,690,269	4,593,659	5,096,610	3,716,545	6.1598	22,893,172	4,548,828	218,856	4,329,972	3,157,498	3.4840	11,000,722	-	-	1.0000	-	9,426,582	6,874,042	33,893,894
2070	9,482,694	4,593,659	4,889,035	3,565,177	6.3927	22,791,107	3,926,103	218,856	3,707,247	2,703,395	3.5738	9,661,393	-	-	1.0000	-	8,596,282	6,268,572	32,852,500
2071	9,690,269	4,593,659	5,096,610	3,716,545	6.6343	24,656,672	4,548,828	218,856	4,329,972	3,157,498	3.6660	11,575,387	-	-	1.0000	-	9,426,582	6,874,042	36,232,059
2072	9,715,680	4,593,659	5,122,021	3,735,075	6.8851	25,716,365	4,565,146	218,856	4,346,290	3,169,397	3.7606	11,918,835	-	-	1.0000	-	9,468,311	6,904,472	37,635,200
2073	4,425,178	4,593,659	(168,482)	(122,860)															

Xcel Energy  
 Nuclear Decommissioning Accrual  
 32-Year Decommissioning Period  
 DECON Method - No Recasking

Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PIIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Future \$	Total Jurisdictional Cost in Future \$
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Future \$	Escalation Factor	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Future \$	Escalation Factor	Cost Estimate Nominal \$	Jurisdictional Cost in Future \$	Escalation Factor	Jurisdictional Cost in Future \$				
<b>Prairie Island Unit 1</b>																		
<i>Factors</i>	<i>2020</i>		<i>72.9219%</i>	<i>3.78%</i>					<i>2.58%</i>					<i>0.00%</i>				
2033	\$19,045,472	\$0	\$19,045,472	\$13,888,320	1.6199	\$22,497,690	\$3,681,837	\$0	\$3,681,837	\$2,684,866	1.3926	\$3,738,944	\$1,250,000	\$911,524	1.0000	\$23,977,309	\$17,484,709	\$27,148,157
2034	48,160,248	-	48,160,248	35,119,368	1.6811	59,039,169	29,661,513	-	29,661,513	21,629,739	1.4285	30,898,082	1,250,000	911,524	1.0000	79,071,761	57,660,630	90,848,775
2035	19,427,915	-	19,427,915	14,167,205	1.7446	24,716,105	27,642,804	-	27,642,804	20,157,658	1.4653	29,537,016	1,250,000	911,524	1.0000	48,320,719	35,236,386	55,164,645
2036	16,303,029	-	16,303,029	11,888,478	1.8106	21,525,279	28,494,788	-	28,494,788	20,778,941	1.5032	31,234,904	1,250,000	911,524	1.0000	46,047,817	33,578,943	53,671,707
2037	16,258,485	-	16,258,485	11,855,996	1.8790	22,277,417	28,407,164	-	28,407,164	20,715,043	1.5419	31,940,525	1,250,000	911,524	1.0000	45,915,648	33,482,563	55,129,466
2038	14,280,650	-	14,280,650	10,413,721	1.9501	20,307,798	23,983,524	-	23,983,524	17,489,242	1.5817	27,662,733	1,250,000	911,524	1.0000	39,514,174	28,814,487	48,882,055
2039	5,186,220	-	5,186,220	3,781,890	2.0238	7,653,789	3,801,321	-	3,801,321	2,771,995	1.6225	4,497,563	1,250,000	911,524	1.0000	10,237,541	7,465,409	13,062,876
2040	5,251,754	-	5,251,754	3,829,679	2.1003	8,043,474	3,975,508	-	3,975,508	2,899,016	1.6644	4,825,122	1,250,000	911,524	1.0000	10,477,261	7,640,218	13,780,120
2041	5,134,326	2,315,817	2,818,509	2,055,310	2.1797	4,479,960	3,645,640	109,428	3,536,212	2,578,673	1.7073	4,402,568	1,250,000	911,524	1.0000	7,604,721	5,545,507	9,794,052
2042	5,290,008	2,315,817	2,974,190	2,168,836	2.2620	4,905,907	4,112,683	109,428	4,003,255	2,919,250	1.7514	5,112,774	1,250,000	911,524	1.0000	8,227,446	5,999,610	10,930,206
2043	5,134,326	2,315,817	2,818,509	2,055,310	2.3475	4,824,841	3,645,640	109,428	3,536,212	2,578,673	1.7966	4,632,843	1,250,000	911,524	1.0000	7,604,721	5,545,507	10,369,209
2044	5,096,073	2,315,817	2,780,256	2,027,415	2.4363	4,824,841	3,508,464	109,428	3,399,036	2,478,641	1.8429	4,632,843	1,250,000	911,524	1.0000	7,429,291	5,417,580	10,418,804
2045	5,186,220	2,315,817	2,870,403	2,093,152	2.5284	5,292,326	3,691,893	109,428	3,801,321	2,692,198	1.8905	5,089,601	1,250,000	911,524	1.0000	7,812,296	5,696,875	11,293,451
2046	5,186,220	2,315,817	2,870,403	2,093,152	2.6239	5,492,223	3,801,321	109,428	3,691,893	2,692,198	1.9392	5,220,711	1,250,000	911,524	1.0000	7,812,296	5,696,875	11,624,458
2047	5,134,326	2,315,817	2,818,509	2,055,310	2.7231	5,596,816	3,645,640	109,428	3,536,212	2,578,673	1.9893	5,129,754	1,250,000	911,524	1.0000	7,604,721	5,545,507	11,638,093
2048	5,199,860	2,315,817	2,884,043	2,103,099	2.8261	5,943,568	3,819,826	109,428	3,710,398	2,765,093	2.0406	5,521,237	1,250,000	911,524	1.0000	7,844,441	5,720,316	12,576,329
2049	5,186,220	2,315,817	2,870,403	2,093,152	2.9329	6,139,007	3,801,321	109,428	3,691,893	2,692,198	2.0932	5,635,310	1,250,000	911,524	1.0000	7,812,296	5,696,875	12,685,840
2050	5,134,326	2,315,817	2,818,509	2,055,310	3.0438	6,255,954	3,645,640	109,428	3,536,212	2,578,673	2.1472	5,536,926	1,250,000	911,524	1.0000	7,604,721	5,545,507	12,704,404
2051	5,186,220	2,315,817	2,870,403	2,093,152	3.1588	6,611,850	3,801,321	109,428	3,691,893	2,692,198	2.2026	5,929,836	1,250,000	911,524	1.0000	7,812,296	5,696,875	13,453,210
2052	5,147,966	2,315,817	2,832,149	2,063,257	3.2782	6,770,326	3,664,145	109,428	3,554,717	2,592,167	2.2595	5,857,002	1,250,000	911,524	1.0000	7,636,866	5,568,948	13,538,381
2053	5,082,433	2,315,817	2,766,615	2,017,469	3.4021	6,863,630	3,489,958	109,428	3,380,530	2,465,147	2.3178	5,713,718	1,250,000	911,524	1.0000	7,397,146	5,394,139	13,488,871
2054	5,082,433	2,315,817	2,766,615	2,017,469	3.5307	7,123,076	3,489,958	109,428	3,380,530	2,465,147	2.3776	5,861,134	1,250,000	911,524	1.0000	7,397,146	5,394,139	13,895,734
2055	5,082,433	2,315,817	2,766,615	2,017,469	3.6642	7,392,408	3,489,958	109,428	3,380,530	2,465,147	2.4389	6,012,247	1,250,000	911,524	1.0000	7,397,146	5,394,139	14,316,179
2056	4,992,285	2,315,817	2,676,468	1,951,731	3.8027	7,421,849	3,197,101	109,428	3,087,673	2,251,590	2.5018	5,633,028	1,250,000	911,524	1.0000	7,104,141	5,114,845	13,966,401
2057	4,978,645	2,315,817	2,662,828	1,941,785	3.9464	7,663,059	3,178,596	109,428	3,069,168	2,238,096	2.5664	5,743,848	1,250,000	911,524	1.0000	6,981,996	5,091,404	14,318,432
2058	4,978,645	2,315,817	2,662,828	1,941,785	4.0956	7,952,774	3,178,596	109,428	3,069,168	2,238,096	2.6326	5,892,010	1,250,000	911,524	1.0000	6,981,996	5,091,404	14,756,308
2059	4,978,645	2,315,817	2,662,828	1,941,785	4.2504	8,253,362	3,178,596	109,428	3,069,168	2,238,096	2.7005	6,043,977	1,250,000	911,524	1.0000	6,981,996	5,091,404	15,208,863
2060	5,096,073	2,315,817	2,780,256	2,027,415	4.4111	8,943,131	3,508,464	109,428	3,399,036	2,478,641	2.7702	6,866,333	1,250,000	911,524	1.0000	7,429,291	5,417,580	16,720,988
2061	5,082,433	2,315,817	2,766,615	2,017,469	4.5778	9,235,568	3,489,958	109,428	3,380,530	2,465,147	2.8416	7,004,962	1,250,000	911,524	1.0000	7,397,146	5,394,139	17,152,053
2062	5,082,433	2,315,817	2,766,615	2,017,469	4.7509	9,584,791	3,489,958	109,428	3,380,530	2,465,147	2.9150	7,185,904	1,250,000	911,524	1.0000	7,397,146	5,394,139	17,682,219
2063	5,082,433	2,315,817	2,766,615	2,017,469	4.9305	9,947,129	3,489,958	109,428	3,380,530	2,465,147	2.9902	7,371,283	1,250,000	911,524	1.0000	7,397,146	5,394,139	18,229,935
2064	5,096,073	2,315,817	2,780,256	2,027,415	5.1168	10,373,878	3,508,464	109,428	3,399,036	2,478,641	3.0673	7,602,737	1,250,000	911,524	1.0000	7,429,291	5,417,580	18,888,139
2065	5,082,433	2,315,817	2,766,615	2,017,469	5.3103	10,713,363	3,489,958	109,428	3,380,530	2,465,147	3.1465	7,756,585	1,250,000	911,524	1.0000	7,397,146	5,394,139	19,381,472
2066	5,082,433	2,315,817	2,766,615	2,017,469	5.5110	11,118,269	3,489,958	109,428	3,380,530	2,465,147	3.2276	7,956,590	1,250,000	911,524	1.0000	7,397,146	5,394,139	19,986,302
2067	5,082,433	2,315,817	2,766,615	2,017,469	5.7193	11,538,508	3,489,958	109,428	3,380,530	2,465,147	3.3109	8,161,855	1,250,000	911,524	1.0000	7,397,146	5,394,139	20,611,887
2068	5,096,073	2,315,817	2,780,256	2,027,415	5.9355	12,033,723	3,508,464	109,428	3,399,036	2,478,641	3.3963	8,418,210	1,250,000	911,524	1.0000	7,429,291	5,417,580	21,363,457
2069	5,082,433	2,315,817	2,766,615	2,017,469	6.1598	12,427,203	3,489,958	109,428	3,380,530	2,465,147	3.4840	8,588,572	1,250,000	911,524	1.0000	7,397,146	5,394,139	21,927,299
2070	5,082,433	2,315,817	2,766,615	2,017,469	6.3927	12,897,071	3,489,958	109,428	3,380,530	2,465,147	3.5738	8,809,942	1,250,000	911,524	1.0000	7,397,146	5,394,139	22,618,537
2071	5,082,433	2,315,817	2,766,615	2,017,469	6.6343	13,384,492	3,489,958	109,428	3,380,530	2,465,147	3.6660	9,037,229	1,250,000	911,524	1.0000	7,397,146	5,394,139	23,333,244
2072	5,096,073	2,315,817	2,780,256	2,027,415	6.8851	13,958,956	3,508,464	109,428	3,399,036	2,478,641	3.7606	9,321,179	1,250,000	911,524	1.0000	7,429,291	5,417,580	24,191,659
2073	5,082,433	2,315,817	2,766,615	2,017,469	7.1454	14,415,620	3,489,958	109,428	3,380,530	2,465,147	3.8576	9,599,551	1,250,000	911,524	1.0000	7,397,146	5,394,139	24,856,695
2074	5,082,433	2,315,817	2,766,615	2,017,469	7.4155	14,960,538	3,489,958	109,428	3,380,530	2,465,147	3.9572	9,755,080	1,250,000	911,524	1.0000	7,397,146		

Xcel Energy  
 Nuclear Decommissioning Accrual  
 32-Year Decommissioning Period  
 DECON Method - No Recasking

Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PHIC Payment					Total Cost Estimate	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Future \$	
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor				Jurisdictional Cost in Future \$
<b>Prairie Island Unit 2</b>																			
<i>Factors</i>	<i>2020</i>			<i>72.9219%</i>	<i>3.78%</i>												<i>0.00%</i>		
2034	\$7,647,937	\$0	\$7,647,937	\$5,577,021	1.6811	\$9,375,530	\$2,745,473	\$0	\$2,745,473	\$2,002,051	1.4285	\$2,859,930	\$1,250,000	\$911,524	1.0000	\$911,524	\$11,643,410	\$8,490,596	\$13,146,984
2035	47,107,095	-	47,107,095	34,351,389	1.7446	59,229,433	31,570,034	-	31,570,034	1,4653	99,323,358	1,250,000	911,524	1.0000	911,524	79,927,129	\$8,284,381	94,574,315	
2036	32,232,206	-	32,232,206	23,504,337	1.8106	42,556,952	34,547,429	-	34,547,429	1.5032	37,869,579	1,250,000	911,524	1.0000	911,524	68,029,635	49,608,502	81,338,055	
2037	23,188,314	-	23,188,314	16,909,359	1.8790	31,772,686	33,632,389	-	33,632,389	1.5419	37,815,679	1,250,000	911,524	1.0000	911,524	58,070,703	42,346,260	70,499,889	
2038	20,005,190	-	20,005,190	14,588,164	1.9501	28,448,379	28,293,645	-	28,293,645	1.5817	20,632,264	1,250,000	911,524	1.0000	911,524	49,548,835	36,131,952	61,993,955	
2039	5,242,132	-	5,242,132	3,822,662	2.0238	7,736,303	3,807,590	-	3,807,590	1.6225	4,504,980	1,250,000	911,524	1.0000	911,524	10,299,722	7,510,753	13,152,807	
2040	5,307,819	-	5,307,819	3,870,562	2.1003	8,129,342	3,981,794	-	3,981,794	1.6644	4,832,752	1,250,000	911,524	1.0000	911,524	10,539,613	7,685,686	13,873,617	
2041	5,190,238	-	5,190,238	3,784,820	2.1797	8,249,772	3,651,909	-	3,651,909	1.7073	4,546,611	1,250,000	911,524	1.0000	911,524	10,922,147	7,359,385	13,707,907	
2042	5,345,919	2,315,817	3,030,102	2,209,608	2.2620	4,998,133	4,118,953	109,428	4,009,525	2,923,822	1,7514	5,120,781	1,250,000	911,524	1.0000	911,524	8,289,627	6,044,953	11,030,438
2043	5,190,238	2,315,817	2,874,421	2,096,082	2.3475	4,920,553	3,651,909	109,428	3,542,481	2,983,244	1,7966	4,641,057	1,250,000	911,524	1.0000	911,524	7,666,902	5,590,850	10,473,134
2044	5,152,137	2,315,817	2,836,320	2,068,299	2.4363	5,038,996	3,514,750	109,428	3,405,322	2,483,226	1,8429	4,576,337	1,250,000	911,524	1.0000	911,524	7,491,643	5,463,048	10,526,857
2045	5,242,132	2,315,817	2,926,315	2,133,924	2.5284	5,395,414	3,807,590	109,428	3,698,162	2,696,770	1,8905	5,098,244	1,250,000	911,524	1.0000	911,524	7,874,477	5,742,218	11,465,182
2046	5,242,132	2,315,817	2,926,315	2,133,924	2.6239	5,589,204	3,807,590	109,428	3,698,162	2,696,770	1,9392	5,229,577	1,250,000	911,524	1.0000	911,524	7,874,477	5,742,218	11,740,304
2047	5,190,238	2,315,817	2,874,421	2,096,082	2.7231	5,707,842	3,651,909	109,428	3,542,481	2,833,244	1,9893	5,138,848	1,250,000	911,524	1.0000	911,524	7,666,902	5,590,850	11,758,214
2048	5,255,925	2,315,817	2,940,108	2,143,983	2.8261	6,059,109	3,826,113	109,428	3,716,685	2,710,277	2,0406	5,350,592	1,250,000	911,524	1.0000	911,524	7,906,793	5,765,783	12,501,224
2049	5,242,132	2,315,817	2,926,315	2,133,924	2.9329	6,258,586	3,807,590	109,428	3,698,162	2,696,770	2,0932	5,644,789	1,250,000	911,524	1.0000	911,524	7,874,477	5,742,218	12,814,989
2050	5,190,238	2,315,817	2,874,421	2,096,082	3.0438	6,380,055	3,651,909	109,428	3,542,481	2,583,244	2,1472	5,546,743	1,250,000	911,524	1.0000	911,524	7,666,902	5,590,850	12,838,322
2051	5,242,132	2,315,817	2,926,315	2,133,924	3.1588	6,740,640	3,807,590	109,428	3,698,162	2,696,770	2,2026	5,939,906	1,250,000	911,524	1.0000	911,524	7,874,477	5,742,218	13,592,069
2052	5,204,031	2,315,817	2,888,214	2,106,141	3.2782	6,904,350	3,670,432	109,428	3,596,255	2,596,751	2,2595	6,067,360	1,250,000	911,524	1.0000	911,524	7,699,218	5,614,416	13,683,234
2053	5,138,344	2,315,817	2,822,527	2,058,240	3.4021	7,002,340	3,496,228	109,428	3,386,800	2,469,719	2,3178	5,724,314	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	13,638,177
2054	5,138,344	2,315,817	2,822,527	2,058,240	3.5307	7,267,029	3,496,228	109,428	3,386,800	2,469,719	2,3776	5,872,003	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	14,050,556
2055	5,138,344	2,315,817	2,822,527	2,058,240	3.6642	7,541,804	3,496,228	109,428	3,386,800	2,469,719	2,4389	6,023,397	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	14,476,725
2056	5,048,350	2,315,817	2,732,533	1,992,615	3.8027	7,577,317	3,203,388	109,428	3,093,960	2,256,174	2,5018	5,644,497	1,250,000	911,524	1.0000	911,524	7,076,493	5,160,313	14,133,337
2057	5,034,557	2,315,817	2,718,740	1,982,557	3.9464	7,823,961	3,184,865	109,428	3,075,437	2,242,667	2,5664	5,755,581	1,250,000	911,524	1.0000	911,524	7,044,177	5,136,748	14,491,066
2058	5,034,557	2,315,817	2,718,740	1,982,557	4.0936	8,119,759	3,184,865	109,428	3,075,437	2,242,667	2,6326	5,904,046	1,250,000	911,524	1.0000	911,524	7,044,177	5,136,748	14,935,328
2059	5,034,557	2,315,817	2,718,740	1,982,557	4.2504	8,426,658	3,184,865	109,428	3,075,437	2,242,667	2,7005	6,056,323	1,250,000	911,524	1.0000	911,524	7,044,177	5,136,748	15,394,505
2060	5,152,137	2,315,817	2,836,320	2,068,299	4.4111	9,123,472	3,514,750	109,428	3,405,322	2,483,226	2,7702	6,879,032	1,250,000	911,524	1.0000	911,524	7,491,643	5,463,048	16,914,028
2061	5,138,344	2,315,817	2,822,527	2,058,240	4.5778	9,422,213	3,496,228	109,428	3,386,800	2,469,719	2,8416	7,017,953	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	17,351,689
2062	5,138,344	2,315,817	2,822,527	2,058,240	4.7509	9,778,494	3,496,228	109,428	3,386,800	2,469,719	2,9150	7,199,230	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	17,889,248
2063	5,138,344	2,315,817	2,822,527	2,058,240	4.9305	10,148,154	3,496,228	109,428	3,386,800	2,469,719	2,9902	7,384,953	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	18,444,631
2064	5,152,137	2,315,817	2,836,320	2,068,299	5.1168	10,583,071	3,514,750	109,428	3,405,322	2,483,226	3,0673	7,616,798	1,250,000	911,524	1.0000	911,524	7,491,643	5,463,048	19,111,393
2065	5,138,344	2,315,817	2,822,527	2,058,240	5.3103	10,929,874	3,496,228	109,428	3,386,800	2,469,719	3,1465	7,770,970	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	19,612,368
2066	5,138,344	2,315,817	2,822,527	2,058,240	5.5110	11,342,963	3,496,228	109,428	3,386,800	2,469,719	3,2276	7,971,264	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	20,225,751
2067	5,138,344	2,315,817	2,822,527	2,058,240	5.7193	11,771,694	3,496,228	109,428	3,386,800	2,469,719	3,3109	8,176,992	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	20,860,210
2068	5,152,137	2,315,817	2,836,320	2,068,299	5.9355	12,276,387	3,514,750	109,428	3,405,322	2,483,226	3,3963	8,433,780	1,250,000	911,524	1.0000	911,524	7,491,643	5,463,048	21,621,690
2069	5,138,344	2,315,817	2,822,527	2,058,240	6.1598	12,678,349	3,496,228	109,428	3,386,800	2,469,719	3,4840	8,604,500	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	22,194,373
2070	5,138,344	2,315,817	2,822,527	2,058,240	6.3927	13,157,713	3,496,228	109,428	3,386,800	2,469,719	3,5738	8,826,281	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	22,995,518
2071	5,138,344	2,315,817	2,822,527	2,058,240	6.6343	13,654,984	3,496,228	109,428	3,386,800	2,469,719	3,6660	9,053,989	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	23,620,497
2072	5,152,137	2,315,817	2,836,320	2,068,299	6.8851	14,240,443	3,514,750	109,428	3,405,322	2,483,226	3,7606	9,338,419	1,250,000	911,524	1.0000	911,524	7,491,643	5,463,048	24,490,386
2073	5,138,344	2,315,817	2,822,527	2,058,240	7.1454	14,706,951	3,496,228	109,428	3,386,800	2,469,719	3,8576	9,527,187	1,250,000	911,524	1.0000	911,524	7,459,327	5,439,483	25,145,661
2074	5,138,344	2,315,817	2,822,527	2,058,240	7.4155	15,262,881	3,496,228	109,428	3,386,800	2,469,719	3,9572	9,773,711	1,250,0						

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
**DECON Method - No Recasking**

**Docket No. E002/M-20-855**  
**REVISED Schedule E.5**  
**Page 6 of 11**

**Proposed**

**EXTERNAL FUND CALCULATION**

**Monticello**

*External Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$757,935,327	\$15,035,347	\$0	\$6,696,113	\$779,666,786
2021	779,666,786	30,964,853	-	8,507,110	819,138,750
2022	819,138,750	32,614,754	-	13,102,455	864,855,959
2023	864,855,959	34,420,584	-	13,102,455	912,378,997
2024	912,378,997	36,297,744	-	13,102,455	961,779,195
2025	961,779,195	38,249,052	-	13,102,455	1,013,130,702
2026	1,013,130,702	40,277,436	-	13,102,455	1,066,510,592
2027	1,066,510,592	42,385,942	-	13,102,455	1,121,998,989
2028	1,121,998,989	44,577,734	-	13,102,455	1,179,679,177
2029	1,179,679,177	46,856,101	-	13,102,455	1,239,637,732
2030	1,239,637,732	46,919,578	(27,538,437)	9,826,841	1,268,845,715
2031	1,268,845,715	47,835,483	(122,047,390)	-	1,194,633,808
2032	1,194,633,808	45,037,695	(109,858,379)	-	1,129,813,124
2033	1,129,813,124	42,593,955	(115,357,243)	-	1,057,049,836
2034	1,057,049,836	39,850,779	(86,114,295)	-	1,010,786,320
2035	1,010,786,320	38,106,644	(15,410,047)	-	1,033,482,917
2036	1,033,482,917	38,962,306	(19,319,419)	-	1,053,125,805
2037	1,053,125,805	39,702,843	(21,630,479)	-	1,071,198,168
2038	1,071,198,168	40,384,171	(11,181,479)	-	1,100,400,860
2039	1,100,400,860	41,485,112	(16,075,268)	-	1,125,810,705
2040	1,125,810,705	42,443,064	(18,513,188)	-	1,149,740,581
2041	1,149,740,581	43,345,220	(11,281,296)	-	1,181,804,504
2042	1,181,804,504	44,554,030	(11,661,447)	-	1,214,697,087
2043	1,214,697,087	45,794,080	(12,054,995)	-	1,248,436,172
2044	1,248,436,172	47,066,044	(12,529,359)	-	1,282,972,856
2045	1,282,972,856	48,368,077	(12,883,762)	-	1,318,457,171
2046	1,318,457,171	49,705,835	(13,319,321)	-	1,354,843,685
2047	1,354,843,685	51,077,607	(13,770,661)	-	1,392,150,631
2048	1,392,150,631	52,484,079	(19,008,953)	-	1,425,625,757
2049	1,425,625,757	53,746,091	(14,720,579)	-	1,464,651,268
2050	1,464,651,268	55,217,353	(15,220,633)	-	1,504,647,989
2051	1,504,647,989	56,725,229	(15,737,832)	-	1,545,635,386
2052	1,545,635,386	58,270,454	(17,122,188)	-	1,586,783,653
2053	1,586,783,653	59,821,744	(19,178,761)	-	1,627,426,635
2054	1,627,426,635	61,353,984	(19,015,162)	-	1,669,765,457
2055	1,669,765,457	62,950,158	(19,656,831)	-	1,713,058,784
2056	1,713,058,784	64,582,316	(23,844,248)	-	1,753,796,852
2057	1,753,796,852	66,118,141	(23,651,757)	-	1,796,263,236
2058	1,796,263,236	67,719,124	(24,441,615)	-	1,839,540,744
2059	1,839,540,744	69,350,686	(25,258,463)	-	1,883,632,967
2060	1,883,632,967	71,012,963	(24,292,827)	-	1,930,353,104

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**Proposed**

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**EXTERNAL FUND CALCULATION**

2061	1,930,353,104	72,774,312	(24,002,634)	-	1,979,124,781
2062	1,979,124,781	74,613,004	(25,839,617)	-	2,027,898,169
2063	2,027,898,169	76,451,761	(25,661,797)	-	2,078,688,133
2064	2,078,688,133	78,366,543	(26,665,736)	-	2,130,388,940
2065	2,130,388,940	80,315,663	(28,554,713)	-	2,182,149,890
2066	2,182,149,890	82,267,051	(28,373,168)	-	2,236,043,773
2067	2,236,043,773	84,298,850	(29,340,987)	-	2,291,001,637
2068	2,291,001,637	86,370,762	(31,713,405)	-	2,345,658,993
2069	2,345,658,993	88,431,344	(33,893,894)	-	2,400,196,443
2070	2,400,196,443	90,487,406	(32,452,500)	-	2,458,231,349
2071	2,458,231,349	92,675,322	(36,232,059)	-	2,514,674,612
2072	2,514,674,612	94,803,233	(37,635,200)	-	2,571,842,645
2073	2,571,842,645	96,958,468	(4,296,923)	-	2,664,504,190
2074	2,664,504,190	100,451,808	(29,869,212)	-	2,735,086,786
2075	2,735,086,786	103,112,772	(30,926,976)	-	2,807,272,581
2076	2,807,272,581	105,834,176	(32,132,651)	-	2,880,974,107
2077	2,880,974,107	108,612,724	(33,158,270)	-	2,956,428,561
2078	2,956,428,561	111,457,357	(34,334,681)	-	3,033,551,237
2079	3,033,551,237	114,364,882	(35,553,523)	-	3,112,362,596
2080	3,112,362,596	117,336,070	(36,941,884)	-	3,192,756,782
2081	3,192,756,782	120,366,931	(38,125,275)	-	3,274,998,438
2082	3,274,998,438	123,467,441	(39,481,067)	-	3,358,984,812
2083	3,358,984,812	126,633,727	(40,886,194)	-	3,444,732,345
2084	3,444,732,345	129,866,409	(42,485,009)	-	3,532,113,745
2085	3,532,113,745	133,160,688	(332,207,285)	-	3,333,067,148
2086	3,333,067,148	125,656,631	(606,408,872)	-	2,852,314,908
2087	2,852,314,908	107,532,272	(1,045,249,011)	-	1,914,598,170
2088	1,914,598,170	72,180,351	(698,035,832)	-	1,288,742,689
2089	1,288,742,689	48,585,599	(694,457,316)	-	642,870,971
2090	642,870,971	24,236,236	(319,148,872)	-	347,958,335
2091	347,958,335	13,118,029	(256,464,203)	-	104,612,161
2092	104,612,161	3,943,878	(108,556,040)	-	0

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
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**Proposed**

**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 1**

*External Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$437,068,622	\$8,610,494	\$0	\$24,632	\$445,703,749
2021	445,703,749	17,805,002	-	12,399,703	475,908,453
2022	475,908,453	19,093,460	-	17,394,274	512,396,187
2023	512,396,187	20,531,077	-	17,394,274	550,321,538
2024	550,321,538	22,025,336	-	17,394,274	589,741,147
2025	589,741,147	23,578,468	-	17,394,274	630,713,890
2026	630,713,890	25,192,794	-	17,394,274	673,300,958
2027	673,300,958	26,870,725	-	17,394,274	717,565,956
2028	717,565,956	28,614,766	-	17,394,274	763,574,996
2029	763,574,996	30,427,522	-	17,394,274	811,396,792
2030	811,396,792	32,311,701	-	17,394,274	861,102,766
2031	861,102,766	34,270,116	-	17,394,274	912,767,156
2032	912,767,156	36,305,693	-	17,394,274	966,467,123
2033	966,467,123	36,849,950	(27,148,157)	11,654,163	987,823,079
2034	987,823,079	37,438,495	(90,848,775)	-	934,412,799
2035	934,412,799	35,414,245	(55,164,645)	-	914,662,399
2036	914,662,399	34,665,705	(53,671,707)	-	895,656,398
2037	895,656,398	33,945,377	(55,129,466)	-	874,472,309
2038	874,472,309	33,142,501	(48,882,055)	-	858,732,755
2039	858,732,755	32,545,971	(13,062,876)	-	878,215,851
2040	878,215,851	33,284,381	(13,780,120)	-	897,720,112
2041	897,720,112	34,023,592	(9,794,052)	-	921,949,652
2042	921,949,652	34,941,892	(10,930,206)	-	945,961,338
2043	945,961,338	35,851,935	(10,369,209)	-	971,444,064
2044	971,444,064	36,817,730	(10,418,804)	-	997,842,991
2045	997,842,991	37,818,249	(11,293,451)	-	1,024,367,789
2046	1,024,367,789	38,823,539	(11,624,458)	-	1,051,566,870
2047	1,051,566,870	39,854,384	(11,638,093)	-	1,079,783,161
2048	1,079,783,161	40,923,782	(12,376,329)	-	1,108,330,614
2049	1,108,330,614	42,005,730	(12,685,840)	-	1,137,650,504
2050	1,137,650,504	43,116,954	(12,704,404)	-	1,168,063,054
2051	1,168,063,054	44,269,590	(13,453,210)	-	1,198,879,434
2052	1,198,879,434	45,437,531	(13,538,851)	-	1,230,778,113
2053	1,230,778,113	46,646,490	(13,488,871)	-	1,263,935,733
2054	1,263,935,733	47,903,164	(13,895,734)	-	1,297,943,163
2055	1,297,943,163	49,192,046	(14,316,179)	-	1,332,819,030
2056	1,332,819,030	50,513,841	(13,966,401)	-	1,369,366,471
2057	1,369,366,471	51,898,989	(14,318,432)	-	1,406,947,028
2058	1,406,947,028	53,323,292	(14,756,308)	-	1,445,514,013
2059	1,445,514,013	54,784,981	(15,208,863)	-	1,485,090,131
2060	1,485,090,131	56,284,916	(16,720,988)	-	1,524,654,060

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

2061	1,524,654,060	57,784,389	(17,152,053)	-	1,565,286,395
2062	1,565,286,395	59,324,354	(17,682,219)	-	1,606,928,531
2063	1,606,928,531	60,902,591	(18,229,935)	-	1,649,601,187
2064	1,649,601,187	62,519,885	(18,888,139)	-	1,693,232,933
2065	1,693,232,933	64,173,528	(19,381,472)	-	1,738,024,989
2066	1,738,024,989	65,871,147	(19,986,302)	-	1,783,909,835
2067	1,783,909,835	67,610,183	(20,611,887)	-	1,830,908,131
2068	1,830,908,131	69,391,418	(21,363,457)	-	1,878,936,092
2069	1,878,936,092	71,211,678	(21,927,299)	-	1,928,220,471
2070	1,928,220,471	73,079,556	(22,618,537)	-	1,978,681,490
2071	1,978,681,490	74,992,028	(23,333,244)	-	2,030,340,274
2072	2,030,340,274	76,949,896	(24,191,659)	-	2,083,098,511
2073	2,083,098,511	78,949,434	(24,836,695)	-	2,137,211,250
2074	2,137,211,250	81,000,306	(25,627,142)	-	2,192,584,414
2075	2,192,584,414	83,098,949	(14,716,164)	-	2,260,967,199
2076	2,260,967,199	85,690,657	(15,327,143)	-	2,331,330,713
2077	2,331,330,713	88,357,434	(30,096,594)	-	2,389,591,553
2078	2,389,591,553	90,565,520	(31,183,620)	-	2,448,973,453
2079	2,448,973,453	92,816,094	(32,310,352)	-	2,509,479,195
2080	2,509,479,195	95,109,261	(33,591,713)	-	2,570,996,743
2081	2,570,996,743	97,440,777	(34,689,495)	-	2,633,748,025
2082	2,633,748,025	99,819,050	(35,944,601)	-	2,697,622,474
2083	2,697,622,474	102,239,892	(37,245,954)	-	2,762,616,412
2084	2,762,616,412	104,703,162	(38,724,266)	-	2,828,595,307
2085	2,828,595,307	107,203,762	(39,993,124)	-	2,895,805,946
2086	2,895,805,946	109,751,045	(41,442,884)	-	2,964,114,107
2087	2,964,114,107	112,339,925	(268,495,182)	-	2,807,958,850
2088	2,807,958,850	106,421,640	(503,843,992)	-	2,410,536,498
2089	2,410,536,498	91,359,333	(826,207,357)	-	1,675,688,475
2090	1,675,688,475	63,508,593	(621,865,210)	-	1,117,331,858
2091	1,117,331,858	42,346,877	(546,352,175)	-	613,326,560
2092	613,326,560	23,245,077	(96,682,024)	-	539,889,612
2093	539,889,612	20,461,816	(230,429,451)	-	329,921,977
2094	329,921,977	12,504,043	(199,041,688)	-	143,384,332
2095	143,384,332	5,434,266	(148,818,598)	-	(0)

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**Xcel Energy  
 Nuclear Decommissioning Accrual  
 32-Year Decommissioning Period  
 DECON Method - No Recasking**

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**Proposed**

**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 2**

*External Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$487,163,479	\$9,770,582	\$0	\$294,670	\$497,228,732
2021	497,228,732	20,069,430	-	6,511,608	523,809,770
2022	523,809,770	21,191,882	-	9,332,181	554,333,832
2023	554,333,832	22,415,897	-	9,332,181	586,081,910
2024	586,081,910	23,688,995	-	9,332,181	619,103,085
2025	619,103,085	25,013,144	-	9,332,181	653,448,410
2026	653,448,410	26,390,391	-	9,332,181	689,170,982
2027	689,170,982	27,822,867	-	9,332,181	726,326,029
2028	726,326,029	29,312,784	-	9,332,181	764,970,994
2029	764,970,994	30,862,447	-	9,332,181	805,165,621
2030	805,165,621	32,474,252	-	9,332,181	846,972,054
2031	846,972,054	34,150,690	-	9,332,181	890,454,924
2032	890,454,924	35,894,353	-	9,332,181	935,681,457
2033	935,681,457	37,707,937	-	9,332,181	982,721,574
2034	982,721,574	37,391,929	(13,146,984)	7,745,710	1,014,712,230
2035	1,014,712,230	38,457,594	(94,574,315)	-	958,595,508
2036	958,595,508	36,330,770	(81,338,055)	-	913,588,223
2037	913,588,223	34,624,994	(70,499,889)	-	877,713,328
2038	877,713,328	33,265,335	(61,993,955)	-	848,984,708
2039	848,984,708	32,176,520	(13,152,807)	-	868,008,422
2040	868,008,422	32,897,519	(13,873,617)	-	887,032,323
2041	887,032,323	33,618,525	(13,707,907)	-	906,942,942
2042	906,942,942	34,373,137	(11,030,438)	-	930,285,641
2043	930,285,641	35,257,826	(10,473,134)	-	955,070,333
2044	955,070,333	36,197,166	(10,526,857)	-	980,740,642
2045	980,740,642	37,170,070	(11,405,182)	-	1,006,505,531
2046	1,006,505,531	38,146,560	(11,740,304)	-	1,032,911,786
2047	1,032,911,786	39,147,357	(11,758,214)	-	1,060,300,929
2048	1,060,300,929	40,185,405	(12,501,224)	-	1,087,985,110
2049	1,087,985,110	41,234,636	(12,814,989)	-	1,116,404,756
2050	1,116,404,756	42,311,740	(12,838,322)	-	1,145,878,175
2051	1,145,878,175	43,428,783	(13,592,069)	-	1,175,714,888
2052	1,175,714,888	44,559,594	(13,683,234)	-	1,206,591,249
2053	1,206,591,249	45,729,808	(13,638,177)	-	1,238,682,880
2054	1,238,682,880	46,946,081	(14,050,556)	-	1,271,578,405
2055	1,271,578,405	48,192,822	(14,476,725)	-	1,305,294,501
2056	1,305,294,501	49,470,662	(14,133,337)	-	1,340,631,825
2057	1,340,631,825	50,809,946	(14,491,066)	-	1,376,950,705
2058	1,376,950,705	52,186,432	(14,935,328)	-	1,414,201,809
2059	1,414,201,809	53,598,249	(15,394,505)	-	1,452,405,552
2060	1,452,405,552	55,046,170	(16,914,028)	-	1,490,537,695

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**32-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**Proposed**

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**EXTERNAL FUND CALCULATION**

	2061	1,490,537,695	56,491,379	(17,351,689)	-	1,529,677,384	
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Xcel Energy  
Nuclear Decommissioning Accrual  
60-Year Decommissioning Period  
DECON Method - No Recasking

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**2022 ACCRUAL COMPARISON**

	Present	Proposed	Difference
Monticello	\$8,507,110	\$15,965,288	\$7,458,178
Prairie Island Unit 1	12,399,703	17,224,670	4,824,967
Prairie Island Unit 2	6,511,608	9,735,359	3,223,751
<b>TOTAL</b>	<b>\$27,418,421</b>	<b>\$42,925,317</b>	<b>\$15,506,896</b>

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**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**2022 MN RETAIL SUMMARY**

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Market Value Balance 6/30/2020	Book Value 6/30/2020	Unrealized Gain/Loss 6/30/2020	Tax-Effect Adjustment	Tax-Adjusted Fund Balance 6/30/2020	2022-2024 Decommissioning Accrual
Monticello	9.67	3.95%	3.77%	\$814,968,100	\$610,109,002	\$204,859,098	\$57,032,773	\$757,935,327	<b>\$15,965,288</b>
Prairie Island Unit 1	13.25	3.94%	3.79%	471,960,960	346,629,286	125,331,674	34,892,338	437,068,622	<b>17,224,670</b>
Prairie Island Unit 2	14.42	4.01%	3.80%	526,255,835	385,837,890	140,417,945	39,092,356	487,163,479	<b>9,735,359</b>
<b>TOTAL DECOMMISSIONING ACCRUAL</b>				<b>\$1,813,184,895</b>	<b>\$1,342,576,178</b>	<b>\$470,608,717</b>	<b>\$131,017,467</b>	<b>\$1,682,167,428</b>	<b>\$42,925,317</b>

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**INPUT DATA**

Escalation Rate (Labor)	3.78%
Escalation Rate (Non-Labor)	2.58%
Escalation Rate (PIIC)	0.00%
Jurisdictional Factor	72.9219%
Tax Rate for tax-effect adjustment	27.84%

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Xcel Energy  
 Nuclear Decommissioning Accrual  
 60-Year Decommissioning Period  
 DECON Method - No Recasting

AMOUNT TO RECOVER

	LABOR						NON-LABOR						PHIC Payment				Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$
	Cost Estimate Nominal \$	DOE Reimbursement Estimate	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	DOE Reimbursement Estimate	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$			
		Nominal \$						Nominal \$						Nominal \$					
<b>Monticello</b>																			
<i>Factors</i>	<i>2020</i>		<i>72.9219%</i>	<i>3.78%</i>				<i>2.58%</i>					<i>0.00%</i>						
2030	\$18,693,499	\$0	\$18,693,499	\$13,631,655	1.4492	\$19,754,994	\$8,273,522	\$0	\$8,273,522	\$6,033,209	1.2901	\$7,783,443	\$0	\$0	1.0000	\$0	\$26,967,021	\$19,664,864	\$27,538,437
2031	68,992,664	-	68,992,664	50,310,762	1.3040	75,667,386	48,059,769	-	48,059,769	35,046,097	1.3234	46,380,004	0	0	1.0000	0	117,052,433	85,356,858	122,047,390
2032	44,420,428	-	44,420,428	32,392,220	1.3609	50,561,016	59,901,481	-	59,901,481	43,681,298	1.3375	59,297,362	0	0	1.0000	0	104,321,909	76,073,518	109,858,379
2033	41,095,925	-	41,095,925	29,967,929	1.6199	48,545,049	65,791,740	-	65,791,740	47,976,587	1.3926	66,812,194	0	0	1.0000	0	106,887,665	77,944,516	115,337,243
2034	31,070,191	-	31,070,191	22,656,974	1.6811	38,088,638	46,103,639	-	46,103,639	33,619,649	1.4285	48,025,669	0	0	1.0000	0	77,173,830	56,276,623	86,114,308
2035	9,293,104	-	9,293,104	6,776,708	1.7446	11,822,645	13,827,381	-	13,827,381	2,448,266	1.4653	3,587,444	0	0	1.0000	0	12,650,485	9,224,974	15,410,990
2036	9,318,516	-	9,318,516	6,795,239	1.8106	12,303,459	3,373,699	-	3,373,699	2,460,166	1.5032	3,698,121	0	0	1.0000	0	12,692,215	9,255,404	16,001,580
2037	9,293,104	-	9,293,104	6,776,708	1.8790	12,733,435	3,357,381	-	3,357,381	2,448,266	1.5419	3,774,982	0	0	1.0000	0	12,650,485	9,224,974	16,508,416
2038	9,293,104	4,593,659	4,699,446	3,426,925	1.9501	6,682,847	3,357,381	218,856	3,138,525	2,288,672	1.5817	3,619,993	0	0	1.0000	0	7,837,971	5,715,597	10,302,839
2039	9,293,104	4,593,659	4,699,446	3,426,925	2.0238	6,935,411	3,357,381	218,856	3,138,525	2,288,672	1.6225	3,713,371	0	0	1.0000	0	7,837,971	5,715,597	10,648,782
2040	9,318,516	4,593,659	4,724,857	3,445,455	2.1003	7,236,490	3,373,699	218,856	3,154,843	2,300,572	1.6644	3,829,072	0	0	1.0000	0	7,879,700	5,746,027	11,065,562
2041	9,293,104	4,593,659	4,699,446	3,426,925	2.1797	7,469,669	3,357,381	218,856	3,138,525	2,288,672	1.7073	3,907,450	0	0	1.0000	0	7,837,971	5,715,597	11,377,119
2042	9,293,104	4,593,659	4,699,446	3,426,925	2.2620	7,751,705	3,357,381	218,856	3,138,525	2,288,672	1.7514	4,008,380	0	0	1.0000	0	7,837,971	5,715,597	11,760,085
2043	9,293,104	4,593,659	4,699,446	3,426,925	2.3475	8,044,707	3,357,381	218,856	3,138,525	2,288,672	1.7966	4,111,828	0	0	1.0000	0	7,837,971	5,715,597	12,156,535
2044	9,318,516	4,593,659	4,724,857	3,445,455	2.4363	8,394,163	3,373,699	218,856	3,154,843	2,300,572	1.8429	4,239,724	0	0	1.0000	0	7,879,700	5,746,027	12,633,887
2045	9,293,104	4,593,659	4,699,446	3,426,925	2.5284	8,664,637	3,357,381	218,856	3,138,525	2,288,672	1.8905	4,326,735	0	0	1.0000	0	7,837,971	5,715,597	12,991,372
2046	9,293,104	4,593,659	4,699,446	3,426,925	2.6239	8,991,299	3,357,381	218,856	3,138,525	2,288,672	1.9392	4,438,193	0	0	1.0000	0	7,837,971	5,715,597	13,430,102
2047	9,293,104	4,593,659	4,699,446	3,426,925	2.7231	9,331,860	3,357,381	218,856	3,138,525	2,288,672	1.9893	4,552,856	0	0	1.0000	0	7,837,971	5,715,597	13,884,715
2048	10,038,002	4,593,659	5,444,343	3,970,118	2.8261	11,219,951	5,532,157	218,856	5,319,301	3,874,560	2.0406	7,906,428	0	0	1.0000	0	10,375,644	7,844,678	19,126,379
2049	9,293,104	4,593,659	4,699,446	3,426,925	2.9329	10,050,829	3,357,381	218,856	3,138,525	2,288,672	2.0932	4,790,649	0	0	1.0000	0	7,837,971	5,715,597	14,841,477
2050	10,911,948	4,593,659	6,318,289	4,607,416	3.0438	14,024,054	8,213,911	218,856	7,995,055	5,830,146	2.1472	12,518,490	0	0	1.0000	0	14,313,345	10,437,563	26,542,544
2051	10,911,948	4,593,659	6,318,289	4,607,416	3.1588	14,553,907	8,213,911	218,856	7,995,055	5,830,146	2.2026	12,841,480	0	0	1.0000	0	14,313,345	10,437,563	27,395,387
2052	11,657,259	4,593,659	7,063,609	5,150,912	3.2782	16,885,718	10,389,930	218,856	10,171,074	7,416,940	2.2595	16,758,576	0	0	1.0000	0	17,234,674	12,567,852	33,644,295
2053	12,171,723	4,593,659	7,578,114	5,526,105	3.4021	18,800,361	11,993,386	218,856	11,774,530	8,586,211	2.3178	19,901,120	0	0	1.0000	0	19,352,645	14,123,316	38,701,482
2054	11,091,923	4,593,659	6,498,264	4,738,658	3.5307	16,730,779	8,753,836	218,856	8,534,980	6,223,870	2.3776	14,797,873	0	0	1.0000	0	15,033,245	10,922,528	32,828,652
2055	11,991,798	4,593,659	7,398,139	5,394,864	3.6642	19,767,859	11,453,461	218,856	11,234,605	8,192,488	2.4389	19,980,658	0	0	1.0000	0	18,632,745	13,587,351	39,748,517
2056	12,377,159	4,593,659	7,783,500	5,675,876	3.8027	21,583,655	12,549,630	218,856	12,330,774	8,991,834	2.5018	22,495,711	0	0	1.0000	0	20,114,274	14,667,711	40,479,426
2057	9,275,117	4,593,659	4,681,459	3,413,809	3.9464	13,472,254	3,303,420	218,856	3,084,564	2,249,322	2.5664	5,772,661	0	0	1.0000	0	7,766,022	5,663,131	19,244,915
2058	9,275,117	4,593,659	4,681,459	3,413,809	4.0956	13,981,594	3,303,420	218,856	3,084,564	2,249,322	2.6326	5,921,566	0	0	1.0000	0	7,766,022	5,663,131	19,903,160
2059	9,275,117	4,593,659	4,681,459	3,413,809	4.2504	14,051,052	3,303,420	218,856	3,084,564	2,249,322	2.7005	6,074,295	0	0	1.0000	0	7,766,022	5,663,131	20,584,347
2060	9,300,528	4,593,659	4,706,870	3,432,339	4.4111	15,140,390	3,319,738	218,856	3,100,882	2,261,222	2.7702	6,264,037	0	0	1.0000	0	7,807,752	5,693,561	21,404,427
2061	9,275,117	4,593,659	4,681,459	3,413,809	4.5778	15,627,733	3,303,420	218,856	3,084,564	2,249,322	2.8416	6,391,675	0	0	1.0000	0	7,766,022	5,663,131	22,019,407
2062	9,275,117	4,593,659	4,681,459	3,413,809	4.7509	16,218,663	3,303,420	218,856	3,084,564	2,249,322	2.9150	6,536,775	0	0	1.0000	0	7,766,022	5,663,131	22,775,438
2063	9,275,117	4,593,659	4,681,459	3,413,809	4.9305	16,831,783	3,303,420	218,856	3,084,564	2,249,322	2.9902	6,725,924	0	0	1.0000	0	7,766,022	5,663,131	23,557,707
2064	9,300,528	4,593,659	4,706,870	3,432,339	5.1168	17,562,592	3,319,738	218,856	3,100,882	2,261,222	3.0673	6,935,846	0	0	1.0000	0	7,807,752	5,693,561	24,498,438
2065	9,275,117	4,593,659	4,681,459	3,413,809	5.3103	18,128,347	3,303,420	218,856	3,084,564	2,249,322	3.1465	7,077,493	0	0	1.0000	0	7,766,022	5,663,131	25,205,840
2066	9,275,117	4,593,659	4,681,459	3,413,809	5.5110	18,813,499	3,303,420	218,856	3,084,564	2,249,322	3.2276	7,259,913	0	0	1.0000	0	7,766,022	5,663,131	26,073,412
2067	9,275,117	4,593,659	4,681,459	3,413,809	5.7193	19,524,595	3,303,420	218,856	3,084,564	2,249,322	3.3109	7,447,282	0	0	1.0000	0	7,766,022	5,663,131	26,971,877
2068	9,300,528	4,593,659	4,706,870	3,432,339	5.9355	20,372,648	3,319,738	218,856	3,100,882	2,261,222	3.3963	7,679,788	0	0	1.0000	0	7,807,752	5,693,561	28,052,436
2069	9,275,117	4,593,659	4,681,459	3,413,809	6.1598	21,028,378	3,303,420	218,856	3,084,564	2,249,322	3.4840	7,836,639	0	0	1.0000	0	7,766,022	5,663,131	28,865,017
2070	9,275,117	4,593,659	4,681,459	3,413,809	6.3927	21,823,454	3,303,420	218,856	3,084,564	2,249,322	3.5738	8,028,629	0	0	1.0000	0	7,766,022	5,663,131	29,862,082
2071	9,275,117	4,593,659	4,681,459	3,413,809	6.6343	22,648,230	3,303,420	218,856	3,084,564	2,249,322	3.6660	8,246,016	0	0	1.0000	0	7,766,022	5,663,131	30,894,246
2072	9,300,528	4,593,659	4,706,870	3,432,339	6.8851	23,631,997	3,319,738	218,856	3,100,882										



Xcel Energy  
 Nuclear Decommissioning Accrual  
 60-Year Decommissioning Period  
 DECON Method - No Recasting

AMOUNT TO RECOVER

Factor	LABOR						NON-LABOR						P11C Payment			Total Cost Estimate Nominal \$s	Total Jurisdictional Cost in Nominal \$s	Total Jurisdictional Cost in Future \$'s	
	DOE		Adjusted Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	DOE		Adjusted Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$s	Jurisdictional Cost in Nominal \$s	Escalation Factor				
	Cost Estimate Nominal \$s	Reimbursement Estimate Nominal \$s					Cost Estimate Nominal \$s	Reimbursement Estimate Nominal \$s											
Prairie Island Unit 2																			
2020			72.9219%	3.78%															
2034	\$7,647,937	\$0	\$7,647,937	\$5,577,021	1.6811	\$9,375,530	\$2,745,473	\$0	\$2,745,473	\$2,002,051	1.4285	\$2,859,930	\$1,250,000	\$911,524	1.0000	\$911,524	\$11,643,410	\$8,490,596	\$13,146,984
2035	47,107,095	-	47,107,095	34,351,389	1.7446	59,929,433	31,570,034	-	31,570,034	23,021,469	1.4653	33,733,358	1,250,000	911,524	1.0000	911,524	79,927,129	58,284,381	94,574,315
2036	32,147,720	-	32,147,720	23,442,728	1.8106	42,445,404	34,293,980	-	34,293,980	25,007,822	1.5032	37,591,758	1,250,000	911,524	1.0000	911,524	67,691,701	49,362,074	80,948,686
2037	23,063,971	-	23,063,971	16,818,686	1.8790	31,602,310	33,259,370	-	33,259,370	24,253,365	1.5419	37,396,263	1,250,000	911,524	1.0000	911,524	41,983,574	41,983,574	69,910,097
2038	19,902,648	-	19,902,648	14,513,389	1.9501	28,302,561	27,986,020	-	27,986,020	20,407,937	1.5817	32,279,235	1,250,000	911,524	1.0000	911,524	49,138,668	35,832,851	61,493,319
2039	5,034,555	-	5,034,555	3,671,293	2.0238	7,429,963	3,184,794	-	3,184,794	2,322,412	1.6225	3,768,114	1,250,000	911,524	1.0000	911,524	9,469,349	6,905,229	12,109,600
2040	5,048,348	-	5,048,348	3,681,351	2.1003	7,731,942	3,203,316	-	3,203,316	2,335,919	1.6644	3,887,904	1,250,000	911,524	1.0000	911,524	9,501,664	6,928,794	12,531,570
2041	5,034,555	-	5,034,555	3,671,293	2.1797	8,002,318	3,184,794	-	3,184,794	2,322,412	1.7073	3,965,054	1,250,000	911,524	1.0000	911,524	9,469,349	6,905,229	12,878,896
2042	5,034,555	2,315,817	2,718,738	1,982,555	2.2620	4,484,540	3,184,794	109,428	3,075,366	2,242,615	1.7514	3,927,716	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	9,323,780
2043	5,034,555	2,315,817	2,718,738	1,982,555	2.3475	4,654,048	3,184,794	109,428	3,075,366	2,242,615	1.7966	4,029,083	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	9,504,655
2044	5,048,348	2,315,817	2,732,531	1,992,614	2.4363	4,854,604	3,203,316	109,428	3,093,888	2,256,122	1.8429	4,157,807	1,250,000	911,524	1.0000	911,524	7,076,619	5,160,259	9,923,936
2045	5,034,555	2,315,817	2,718,738	1,982,555	2.5284	5,012,693	3,184,794	109,428	3,075,366	2,242,615	1.8905	4,239,664	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	10,163,881
2046	5,034,555	2,315,817	2,718,738	1,982,555	2.6239	5,202,027	3,184,794	109,428	3,075,366	2,242,615	1.9392	4,348,879	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	10,462,430
2047	5,034,555	2,315,817	2,718,738	1,982,555	2.7231	5,398,696	3,184,794	109,428	3,075,366	2,242,615	1.9893	4,461,234	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	10,771,454
2048	5,048,348	2,315,817	2,732,531	1,992,614	2.8261	5,631,325	3,203,316	109,428	3,093,888	2,256,122	2.0406	4,603,843	1,250,000	911,524	1.0000	911,524	7,076,619	5,160,259	11,146,692
2049	5,034,555	2,315,817	2,718,738	1,982,555	2.9329	5,814,636	3,184,794	109,428	3,075,366	2,242,615	2.0932	4,694,242	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	11,429,402
2050	5,034,555	2,315,817	2,718,738	1,982,555	3.0438	6,034,502	3,184,794	109,428	3,075,366	2,242,615	2.1472	4,815,343	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	11,761,369
2051	5,034,555	2,315,817	2,718,738	1,982,555	3.1588	6,262,496	3,184,794	109,428	3,075,366	2,242,615	2.2026	4,939,584	1,250,000	911,524	1.0000	911,524	7,044,104	5,136,694	12,113,604
2052	5,048,348	2,315,817	2,732,531	1,992,614	3.2782	6,532,186	3,203,316	109,428	3,093,888	2,256,122	2.2595	5,097,708	1,250,000	911,524	1.0000	911,524	7,076,619	5,160,259	12,541,417
2053	5,138,432	2,315,817	2,822,525	2,058,239	3.4021	7,002,335	3,496,156	109,428	3,386,728	2,469,667	2.3178	5,724,193	1,250,000	911,524	1.0000	911,524	7,459,254	5,439,429	13,638,052
2054	5,242,130	2,315,817	2,926,313	2,133,923	3.5307	7,534,242	3,698,091	109,428	3,698,091	2,696,718	2.3776	6,411,717	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	14,857,482
2055	5,242,130	2,315,817	2,926,313	2,133,923	3.6642	7,819,120	3,807,519	109,428	3,698,091	2,696,718	2.4389	6,577,026	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	15,307,670
2056	5,307,817	2,315,817	2,992,000	2,181,823	3.8027	8,296,819	3,981,722	109,428	3,872,294	2,823,751	2.5018	7,064,459	1,250,000	911,524	1.0000	911,524	8,114,294	5,917,098	16,272,802
2057	5,190,236	2,315,817	2,874,419	2,096,081	3.9464	8,271,974	3,651,838	109,428	3,542,410	2,583,192	2.5664	6,629,505	1,250,000	911,524	1.0000	911,524	7,666,829	5,590,797	15,813,003
2058	5,345,917	2,315,817	3,030,100	2,209,607	4.0956	9,049,665	4,118,881	109,428	4,009,453	2,923,770	2.6326	7,697,116	1,250,000	911,524	1.0000	911,524	8,289,554	6,044,900	17,688,305
2059	5,190,236	2,315,817	2,874,419	2,096,081	4.2504	8,909,183	3,651,838	109,428	3,542,410	2,583,192	2.7005	6,975,911	1,250,000	911,524	1.0000	911,524	7,666,829	5,590,797	16,796,617
2060	5,152,136	2,315,817	2,836,319	2,068,297	4.4111	9,123,467	3,514,679	109,428	3,405,251	2,483,174	2.7702	6,878,887	1,250,000	911,524	1.0000	911,524	7,491,569	5,462,995	16,913,878
2061	5,242,130	2,315,817	2,926,313	2,133,923	4.5778	9,768,672	3,807,519	109,428	3,698,091	2,696,718	2.8416	7,662,994	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	18,343,190
2062	5,242,130	2,315,817	2,926,313	2,133,923	4.7509	10,138,054	3,807,519	109,428	3,698,091	2,696,718	2.9150	7,860,933	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	18,910,511
2063	5,190,236	2,315,817	2,874,419	2,096,081	4.9305	10,334,727	3,651,838	109,428	3,542,410	2,583,192	2.9902	7,724,262	1,250,000	911,524	1.0000	911,524	7,666,829	5,590,797	18,970,513
2064	5,255,923	2,315,817	2,940,106	2,143,981	5.1168	10,970,323	3,826,041	109,428	3,716,613	2,710,225	3.0673	8,313,073	1,250,000	911,524	1.0000	911,524	7,906,719	5,765,730	20,194,290
2065	5,242,130	2,315,817	2,926,313	2,133,923	5.3103	11,331,771	3,807,519	109,428	3,698,091	2,696,718	3.1465	8,485,224	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	20,728,518
2066	5,190,236	2,315,817	2,874,419	2,096,081	5.5110	11,551,502	3,651,838	109,428	3,542,410	2,583,192	3.2276	8,337,512	1,250,000	911,524	1.0000	911,524	7,666,829	5,590,797	20,890,538
2067	5,242,130	2,315,817	2,926,313	2,133,923	5.7193	12,204,545	3,807,519	109,428	3,698,091	2,696,718	3.3109	8,928,564	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	22,044,633
2068	5,255,923	2,315,817	2,940,106	2,143,981	5.9355	12,725,601	3,826,041	109,428	3,716,613	2,710,225	3.3963	9,204,737	1,250,000	911,524	1.0000	911,524	7,906,719	5,765,730	22,841,861
2069	5,190,236	2,315,817	2,874,419	2,096,081	6.1598	12,911,440	3,651,838	109,428	3,542,410	2,583,192	3.4840	8,999,842	1,250,000	911,524	1.0000	911,524	7,666,829	5,590,797	22,822,806
2070	5,242,130	2,315,817	2,926,313	2,133,923	6.3927	13,641,529	3,807,519	109,428	3,698,091	2,696,718	3.5738	9,637,531	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	24,190,584
2071	5,242,130	2,315,817	2,926,313	2,133,923	6.6343	14,157,085	3,807,519	109,428	3,698,091	2,696,718	3.6660	9,886,169	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	24,954,777
2072	5,255,923	2,315,817	2,940,106	2,143,981	6.8851	14,761,525	3,826,041	109,428	3,716,613	2,710,225	3.7606	10,192,072	1,250,000	911,524	1.0000	911,524	7,906,719	5,765,730	25,865,121
2073	5,242,130	2,315,817	2,926,313	2,133,923	7.1454	15,247,733	3,807,519	109,428	3,698,091	2,696,718	3.8576	10,402,860	1,250,000	911,524	1.0000	911,524	7,874,404	5,742,165	26,562,116
2074	5,242,130	2,315,817	2,926,313	2,133,923	7.4155	15,824,105	3,807,												

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

**Monticello**

*External Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$757,935,327	\$15,035,347	\$0	\$6,696,113	\$779,666,786
2021	779,666,786	30,964,853	-	8,507,110	819,138,750
2022	819,138,750	32,671,295	-	15,965,288	867,775,333
2023	867,775,333	34,592,440	-	15,965,288	918,333,061
2024	918,333,061	36,589,470	-	15,965,288	970,887,819
2025	970,887,819	38,665,383	-	15,965,288	1,025,518,490
2026	1,025,518,490	40,823,295	-	15,965,288	1,082,307,073
2027	1,082,307,073	43,066,444	-	15,965,288	1,141,338,805
2028	1,141,338,805	45,398,197	-	15,965,288	1,202,702,290
2029	1,202,702,290	47,822,055	-	15,965,288	1,266,489,632
2030	1,266,489,632	47,972,368	(27,538,437)	11,973,966	1,298,897,530
2031	1,298,897,530	48,968,437	(122,047,390)	-	1,225,818,577
2032	1,225,818,577	46,213,360	(109,858,379)	-	1,162,173,558
2033	1,162,173,558	43,813,943	(115,357,243)	-	1,090,630,258
2034	1,090,630,258	41,116,761	(86,114,308)	-	1,045,632,711
2035	1,045,632,711	39,420,353	(15,410,090)	-	1,069,642,975
2036	1,069,642,975	40,325,540	(16,001,580)	-	1,093,966,935
2037	1,093,966,935	41,242,553	(16,508,416)	-	1,118,701,072
2038	1,118,701,072	42,175,030	(10,302,839)	-	1,150,573,264
2039	1,150,573,264	43,376,612	(10,648,782)	-	1,183,301,094
2040	1,183,301,094	44,610,451	(11,065,562)	-	1,216,845,984
2041	1,216,845,984	45,875,094	(11,377,119)	-	1,251,343,959
2042	1,251,343,959	47,175,667	(11,760,085)	-	1,286,759,541
2043	1,286,759,541	48,510,835	(12,156,535)	-	1,323,113,840
2044	1,323,113,840	49,881,392	(12,633,887)	-	1,360,361,345
2045	1,360,361,345	51,285,623	(12,991,372)	-	1,398,655,596
2046	1,398,655,596	52,729,316	(13,430,102)	-	1,437,954,810
2047	1,437,954,810	54,210,896	(13,884,715)	-	1,478,280,991
2048	1,478,280,991	55,731,193	(19,126,379)	-	1,514,885,806
2049	1,514,885,806	57,111,195	(14,841,477)	-	1,557,155,524
2050	1,557,155,524	58,704,763	(26,542,544)	-	1,589,317,742
2051	1,589,317,742	59,917,279	(27,395,387)	-	1,621,839,634
2052	1,621,839,634	61,143,354	(33,644,295)	-	1,649,338,694
2053	1,649,338,694	62,180,069	(38,701,482)	-	1,672,817,281
2054	1,672,817,281	63,065,211	(31,528,652)	-	1,704,353,841
2055	1,704,353,841	64,254,140	(39,748,517)	-	1,728,859,463
2056	1,728,859,463	65,178,002	(44,079,426)	-	1,749,958,038
2057	1,749,958,038	65,973,418	(19,244,915)	-	1,796,686,541

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

2058	1,796,686,541	67,735,083	(19,903,160)	-	1,844,518,464
2059	1,844,518,464	69,538,346	(20,584,347)	-	1,893,472,463
2060	1,893,472,463	71,383,912	(21,404,427)	-	1,943,451,947
2061	1,943,451,947	73,268,138	(22,019,407)	-	1,994,700,678
2062	1,994,700,678	75,200,216	(22,775,438)	-	2,047,125,456
2063	2,047,125,456	77,176,630	(23,557,707)	-	2,100,744,379
2064	2,100,744,379	79,198,063	(24,498,438)	-	2,155,444,004
2065	2,155,444,004	81,260,239	(25,205,840)	-	2,211,498,403
2066	2,211,498,403	83,373,490	(26,073,412)	-	2,268,798,480
2067	2,268,798,480	85,533,703	(26,971,877)	-	2,327,360,306
2068	2,327,360,306	87,741,484	(28,052,436)	-	2,387,049,354
2069	2,387,049,354	89,991,761	(28,865,017)	-	2,448,176,098
2070	2,448,176,098	92,296,239	(29,862,082)	-	2,510,610,254
2071	2,510,610,254	94,650,007	(30,894,246)	-	2,574,366,015
2072	2,574,366,015	97,053,599	(32,135,548)	-	2,639,284,066
2073	2,639,284,066	99,501,009	(33,070,014)	-	2,705,715,061
2074	2,705,715,061	102,005,458	(34,216,116)	-	2,773,504,403
2075	2,773,504,403	104,561,116	(35,402,662)	-	2,842,662,857
2076	2,842,662,857	107,168,390	(36,828,789)	-	2,913,002,457
2077	2,913,002,457	109,820,193	(37,903,449)	-	2,984,919,201
2078	2,984,919,201	112,531,454	(47,450,237)	-	3,050,000,418
2079	3,050,000,418	114,985,016	(50,762,044)	-	3,114,223,390
2080	3,114,223,390	117,406,222	(50,964,575)	-	3,180,665,037
2081	3,180,665,037	119,911,072	(52,468,839)	-	3,248,107,270
2082	3,248,107,270	122,453,644	(54,259,853)	-	3,316,301,061
2083	3,316,301,061	125,024,550	(58,027,749)	-	3,383,297,862
2084	3,383,297,862	127,550,329	(58,292,779)	-	3,452,555,412
2085	3,452,555,412	130,161,339	(322,849,696)	-	3,259,867,055
2086	3,259,867,055	122,896,988	(588,767,953)	-	2,793,996,090
2087	2,793,996,090	105,333,653	(1,035,415,196)	-	1,863,914,547
2088	1,863,914,547	70,269,578	(669,520,791)	-	1,264,663,334
2089	1,264,663,334	47,677,808	(672,478,683)	-	639,862,459
2090	639,862,459	24,122,815	(361,118,344)	-	302,866,929
2091	302,866,929	11,418,083	(209,421,584)	-	104,863,428
2092	104,863,428	3,953,351	(108,816,780)	-	(0)

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 1**

*External Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$437,068,622	\$8,610,494	\$0	\$24,632	\$445,703,749
2021	445,703,749	17,805,002	-	12,399,703	475,908,453
2022	475,908,453	19,090,119	-	17,224,670	512,223,243
2023	512,223,243	20,520,922	-	17,224,670	549,968,835
2024	549,968,835	22,008,098	-	17,224,670	589,201,603
2025	589,201,603	23,553,869	-	17,224,670	629,980,142
2026	629,980,142	25,160,544	-	17,224,670	672,365,356
2027	672,365,356	26,830,521	-	17,224,670	716,420,547
2028	716,420,547	28,566,296	-	17,224,670	762,211,513
2029	762,211,513	30,370,460	-	17,224,670	809,806,643
2030	809,806,643	32,245,708	-	17,224,670	859,277,021
2031	859,277,021	34,194,841	-	17,224,670	910,696,532
2032	910,696,532	36,220,769	-	17,224,670	964,141,971
2033	964,141,971	36,759,674	(27,148,157)	11,540,529	985,294,017
2034	985,294,017	37,342,643	(90,848,775)	-	931,787,885
2035	931,787,885	35,314,761	(54,828,397)	-	912,274,249
2036	912,274,249	34,575,194	(53,285,523)	-	893,563,920
2037	893,563,920	33,866,073	(54,733,095)	-	872,696,898
2038	872,696,898	33,075,212	(48,545,598)	-	857,226,513
2039	857,226,513	32,488,885	(12,019,674)	-	877,695,723
2040	877,695,723	33,264,668	(12,437,878)	-	898,522,514
2041	898,522,514	34,054,003	(8,965,046)	-	923,611,470
2042	923,611,470	35,004,875	(9,223,553)	-	949,392,792
2043	949,392,792	35,981,987	(9,490,735)	-	975,884,043
2044	975,884,043	36,986,005	(9,815,889)	-	1,003,054,160
2045	1,003,054,160	38,015,753	(10,052,157)	-	1,031,017,756
2046	1,031,017,756	39,075,573	(10,346,590)	-	1,059,746,739
2047	1,059,746,739	40,164,401	(10,651,341)	-	1,089,259,799
2048	1,089,259,799	41,282,946	(11,021,803)	-	1,119,520,942
2049	1,119,520,942	42,429,844	(11,291,260)	-	1,150,659,525
2050	1,150,659,525	43,609,996	(11,627,459)	-	1,182,642,062
2051	1,182,642,062	44,822,134	(11,974,752)	-	1,215,489,445
2052	1,215,489,445	46,067,050	(13,158,173)	-	1,248,398,322
2053	1,248,398,322	47,314,296	(14,272,498)	-	1,281,440,120
2054	1,281,440,120	48,566,581	(14,702,668)	-	1,315,304,033
2055	1,315,304,033	49,850,023	(15,562,671)	-	1,349,591,384
2056	1,349,591,384	51,149,513	(15,250,035)	-	1,385,490,863
2057	1,385,490,863	52,510,104	(16,962,453)	-	1,421,038,514
2058	1,421,038,514	53,857,360	(16,117,735)	-	1,458,778,139

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

2059	1,458,778,139	55,287,691	(16,143,566)	-	1,497,922,265
2060	1,497,922,265	56,771,254	(17,683,675)	-	1,537,009,844
2061	1,537,009,844	58,252,673	(18,143,565)	-	1,577,118,952
2062	1,577,118,952	59,772,808	(18,192,783)	-	1,618,698,978
2063	1,618,698,978	61,348,691	(19,281,873)	-	1,660,765,796
2064	1,660,765,796	62,943,024	(19,971,678)	-	1,703,737,142
2065	1,703,737,142	64,571,638	(19,939,475)	-	1,748,369,305
2066	1,748,369,305	66,263,197	(21,136,064)	-	1,793,496,438
2067	1,793,496,438	67,973,515	(21,796,324)	-	1,839,673,629
2068	1,839,673,629	69,723,631	(21,973,464)	-	1,887,423,796
2069	1,887,423,796	71,533,362	(23,184,368)	-	1,935,772,790
2070	1,935,772,790	73,365,789	(23,913,618)	-	1,985,224,960
2071	1,985,224,960	75,240,026	(24,667,540)	-	2,035,797,446
2072	2,035,797,446	77,156,723	(25,566,410)	-	2,087,387,759
2073	2,087,387,759	79,111,996	(26,253,166)	-	2,140,246,589
2074	2,140,246,589	81,115,346	(32,146,277)	-	2,189,215,659
2075	2,189,215,659	82,971,273	(27,948,243)	-	2,244,238,689
2076	2,244,238,689	85,056,646	(28,974,640)	-	2,300,320,695
2077	2,300,320,695	87,182,154	(26,565,788)	-	2,360,937,061
2078	2,360,937,061	89,479,515	(16,308,285)	-	2,434,108,290
2079	2,434,108,290	92,252,704	(16,877,001)	-	2,509,483,993
2080	2,509,483,993	95,109,443	(33,592,407)	-	2,571,001,030
2081	2,571,001,030	97,440,939	(34,690,206)	-	2,633,751,763
2082	2,633,751,763	99,819,192	(35,945,330)	-	2,697,625,625
2083	2,697,625,625	102,240,011	(37,246,702)	-	2,762,618,935
2084	2,762,618,935	104,703,258	(38,725,035)	-	2,828,597,157
2085	2,828,597,157	107,203,832	(39,993,910)	-	2,895,807,079
2086	2,895,807,079	109,751,088	(41,443,691)	-	2,964,114,476
2087	2,964,114,476	112,339,939	(268,495,565)	-	2,807,958,850
2088	2,807,958,850	106,421,640	(503,843,992)	-	2,410,536,498
2089	2,410,536,498	91,359,333	(826,207,357)	-	1,675,688,475
2090	1,675,688,475	63,508,593	(621,865,210)	-	1,117,331,858
2091	1,117,331,858	42,346,877	(546,352,175)	-	613,326,560
2092	613,326,560	23,245,077	(96,682,024)	-	539,889,612
2093	539,889,612	20,461,816	(230,429,451)	-	329,921,977
2094	329,921,977	12,504,043	(199,041,688)	-	143,384,332
2095	143,384,332	5,434,266	(148,818,598)	-	(0)

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 2**

*nal Levelized*

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$487,163,479	\$9,770,582	\$0	\$294,670	\$497,228,732
2021	497,228,732	20,069,430	-	6,511,608	523,809,770
2022	523,809,770	21,199,966	-	9,735,359	554,745,094
2023	554,745,094	22,440,472	-	9,735,359	586,920,925
2024	586,920,925	23,730,723	-	9,735,359	620,387,006
2025	620,387,006	25,072,713	-	9,735,359	655,195,078
2026	655,195,078	26,468,517	-	9,735,359	691,398,953
2027	691,398,953	27,920,292	-	9,735,359	729,054,603
2028	729,054,603	29,430,284	-	9,735,359	768,220,245
2029	768,220,245	31,000,826	-	9,735,359	808,956,430
2030	808,956,430	32,634,347	-	9,735,359	851,326,135
2031	851,326,135	34,333,372	-	9,735,359	895,394,866
2032	895,394,866	36,100,528	-	9,735,359	941,230,752
2033	941,230,752	37,938,547	-	9,735,359	988,904,658
2034	988,904,658	37,731,904	(13,146,984)	8,080,348	1,021,569,925
2035	1,021,569,925	38,819,657	(94,574,315)	-	965,815,268
2036	965,815,268	36,700,980	(80,948,686)	-	921,567,562
2037	921,567,562	35,019,567	(69,910,097)	-	886,677,032
2038	886,677,032	33,693,727	(61,493,319)	-	858,877,440
2039	858,877,440	32,637,343	(12,109,600)	-	879,405,182
2040	879,405,182	33,417,397	(12,531,370)	-	900,291,210
2041	900,291,210	34,211,066	(12,878,896)	-	921,623,380
2042	921,623,380	35,021,688	(9,323,780)	-	947,321,288
2043	947,321,288	35,998,209	(9,594,655)	-	973,724,843
2044	973,724,843	37,001,544	(9,923,936)	-	1,000,802,451
2045	1,000,802,451	38,030,493	(10,163,881)	-	1,028,669,064
2046	1,028,669,064	39,089,424	(10,462,430)	-	1,057,296,058
2047	1,057,296,058	40,177,250	(10,771,454)	-	1,086,701,854
2048	1,086,701,854	41,294,670	(11,146,692)	-	1,116,849,833
2049	1,116,849,833	42,440,294	(11,420,402)	-	1,147,869,724
2050	1,147,869,724	43,619,050	(11,761,369)	-	1,179,727,405
2051	1,179,727,405	44,829,641	(12,113,604)	-	1,212,443,443
2052	1,212,443,443	46,072,851	(12,541,417)	-	1,245,974,876
2053	1,245,974,876	47,347,045	(13,638,052)	-	1,279,683,869
2054	1,279,683,869	48,627,987	(14,857,482)	-	1,313,454,374
2055	1,313,454,374	49,911,266	(15,307,670)	-	1,348,057,970
2056	1,348,057,970	51,226,203	(16,272,802)	-	1,383,011,371
2057	1,383,011,371	52,554,432	(15,813,003)	-	1,419,752,800

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**60-Year Decommissioning Period**  
**DECON Method - No Recasking**

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**EXTERNAL FUND CALCULATION**

<i>Exter</i>	2058	1,419,752,800	53,950,606	(17,658,305)	-	1,456,045,102
	2059	1,456,045,102	55,329,714	(16,796,617)	-	1,494,578,198
	2060	1,494,578,198	56,793,972	(16,913,878)	-	1,534,458,292
	2061	1,534,458,292	58,309,415	(18,343,190)	-	1,574,424,517
	2062	1,574,424,517	59,828,132	(18,910,511)	-	1,615,342,138
	2063	1,615,342,138	61,383,001	(18,970,513)	-	1,657,754,626
	2064	1,657,754,626	62,994,676	(20,194,920)	-	1,700,554,382
	2065	1,700,554,382	64,621,067	(20,728,518)	-	1,744,446,930
	2066	1,744,446,930	66,288,983	(20,800,538)	-	1,789,935,376
	2067	1,789,935,376	68,017,544	(22,044,633)	-	1,835,908,287
	2068	1,835,908,287	69,764,515	(22,841,861)	-	1,882,830,941
	2069	1,882,830,941	71,547,576	(22,822,806)	-	1,931,555,711
	2070	1,931,555,711	73,399,117	(24,190,584)	-	1,980,764,244
	2071	1,980,764,244	75,269,041	(24,954,777)	-	2,031,078,508
	2072	2,031,078,508	77,180,983	(25,865,121)	-	2,082,394,371
	2073	2,082,394,371	79,130,986	(26,562,116)	-	2,134,963,241
	2074	2,134,963,241	81,128,603	(27,407,082)	-	2,188,684,762
	2075	2,188,684,762	83,170,021	(33,494,051)	-	2,238,360,732
	2076	2,238,360,732	85,057,708	(29,320,235)	-	2,294,098,204
	2077	2,294,098,204	87,175,732	(30,117,519)	-	2,351,156,417
2078	2,351,156,417	89,343,944	5,329,141	-	2,445,829,502	
2079	2,445,829,502	92,941,521	5,578,714	-	2,544,349,737	
2080	2,544,349,737	96,685,290	(10,223,328)	-	2,630,811,699	
2081	2,630,811,699	99,970,845	(10,503,482)	-	2,720,279,062	
2082	2,720,279,062	103,370,604	(10,843,871)	-	2,812,805,796	
2083	2,812,805,796	106,886,620	(11,195,757)	-	2,908,496,659	
2084	2,908,496,659	110,522,873	(11,614,773)	-	3,007,404,759	
2085	3,007,404,759	114,281,381	(11,935,204)	-	3,109,750,936	
2086	3,109,750,936	118,170,536	(12,323,687)	-	3,215,597,785	
2087	3,215,597,785	122,192,716	(12,725,230)	-	3,325,065,271	
2088	3,325,065,271	126,352,480	(240,090,231)	-	3,211,327,520	
2089	3,211,327,520	122,030,446	(460,538,908)	-	2,872,819,058	
2090	2,872,819,058	109,167,124	(859,271,859)	-	2,122,714,323	
2091	2,122,714,323	80,663,144	(795,834,819)	-	1,407,542,649	
2092	1,407,542,649	53,486,621	(745,778,068)	-	715,251,202	
2093	715,251,202	27,179,546	(300,804,008)	-	441,626,739	
2094	441,626,739	16,781,816	(266,533,082)	-	191,875,473	
2095	191,875,473	7,291,268	(199,166,741)	-	(0)	

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 Nuclear Decommissioning Accrual  
 100-Year Decommissioning Period  
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**2022 ACCRUAL COMPARISON**

	Present	Proposed	Difference
Monticello	\$8,507,110	\$60,594,226	\$52,087,116
Prairie Island Unit 1	12,399,703	33,712,798	21,313,095
Prairie Island Unit 2	6,511,608	28,145,864	21,634,256
<b>TOTAL</b>	<b>\$27,418,421</b>	<b>\$122,452,889</b>	<b>\$95,034,468</b>

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**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
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**2022 MN RETAIL SUMMARY**

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Market Value Balance 6/30/2020	Book Value 6/30/2020	Unrealized Gain/Loss 6/30/2020	Tax-Effect Adjustment	Tax-Adjusted Fund Balance 6/30/2020	2022-2024 Decommissioning Accrual
Monticello	9.67	3.99%	3.82%	\$814,968,100	\$610,109,002	\$204,859,098	\$57,032,773	\$757,935,327	<b>\$60,594,226</b>
Prairie Island Unit 1	13.25	4.05%	3.81%	471,960,960	346,629,286	125,331,674	34,892,338	437,068,622	<b>33,712,798</b>
Prairie Island Unit 2	14.42	4.05%	3.82%	526,255,835	385,837,890	140,417,945	39,092,356	487,163,479	<b>28,145,864</b>
<b>TOTAL DECOMMISSIONING ACCRUAL</b>				<b>\$1,813,184,895</b>	<b>\$1,342,576,178</b>	<b>\$470,608,717</b>	<b>\$131,017,467</b>	<b>\$1,682,167,428</b>	<b>\$122,452,889</b>

**INPUT DATA**

Escalation Rate (Labor)	3.78%
Escalation Rate (Non-Labor)	2.58%
Escalation Rate (PIIC)	0.00%
Jurisdictional Factor	72.9219%
Tax Rate for tax-effect adjustment	27.84%



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	LABOR					NON-LABOR					PIIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'s	
	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor				Jurisdictional Cost in Future \$'s
2101	7,295,625	4,593,659	2,701,966	1,970,325	20.1933	39,787,364	2,493,083	218,856	2,274,227	1,658,409	7.8719	13,054,833	0	0	1.0000	0	4,976,193	3,628,734	52,842,196
2102	7,295,625	4,593,659	2,701,966	1,970,325	20.9566	41,291,313	2,493,083	218,856	2,274,227	1,658,409	8.0750	13,391,656	0	0	1.0000	0	4,976,193	3,628,734	54,682,968
2103	7,295,625	4,593,659	2,701,966	1,970,325	21.7488	42,852,204	2,493,083	218,856	2,274,227	1,658,409	8.2833	13,737,102	0	0	1.0000	0	4,976,193	3,628,734	56,589,307
2104	7,315,613	4,593,659	2,721,954	1,984,901	22.5709	44,800,994	2,499,913	218,856	2,281,057	1,663,390	8.4970	14,133,827	0	0	1.0000	0	5,003,011	3,648,291	58,934,820
2105	7,295,625	4,593,659	2,701,966	1,970,325	23.4240	46,152,893	2,493,083	218,856	2,274,227	1,658,409	8.7162	14,455,028	0	0	1.0000	0	4,976,193	3,628,734	60,607,920
2106	7,295,625	4,593,659	2,701,966	1,970,325	24.3095	47,897,615	2,493,083	218,856	2,274,227	1,658,409	8.9411	14,828,004	0	0	1.0000	0	4,976,193	3,628,734	62,725,619
2107	7,295,625	4,593,659	2,701,966	1,970,325	25.2284	49,708,147	2,493,083	218,856	2,274,227	1,658,409	9.1718	15,210,599	0	0	1.0000	0	4,976,193	3,628,734	64,918,746
2108	14,503,452	4,593,659	9,909,794	7,226,410	26.1820	189,201,865	24,063,432	218,856	23,844,576	17,387,918	9.4084	163,592,489	0	0	1.0000	0	33,754,370	24,614,328	352,794,353
2109	7,295,625	4,593,659	2,701,966	1,970,325	27.1717	53,537,080	2,493,083	218,856	2,274,227	1,658,409	9.6512	16,005,641	0	0	1.0000	0	4,976,193	3,628,734	69,542,720
2110	7,295,625	4,593,659	2,701,966	1,970,325	28.1988	55,560,800	2,493,083	218,856	2,274,227	1,658,409	9.9002	16,418,585	0	0	1.0000	0	4,976,193	3,628,734	71,979,385
2111	7,295,625	4,593,659	2,701,966	1,970,325	29.2647	57,660,970	2,493,083	218,856	2,274,227	1,658,409	10.1556	16,842,142	0	0	1.0000	0	4,976,193	3,628,734	74,503,112
2112	7,315,613	4,593,659	2,721,954	1,984,901	30.3709	60,283,218	2,499,913	218,856	2,281,057	1,663,390	10.4176	17,328,534	0	0	1.0000	0	5,003,011	3,648,291	77,611,752
2113	10,889,545	4,593,659	6,295,886	4,591,080	31.5189	144,705,780	13,274,842	218,856	13,055,986	9,520,673	10.6864	101,741,723	0	0	1.0000	0	19,351,872	14,111,753	246,447,503
2114	7,295,625	4,593,659	2,701,966	1,970,325	32.7103	64,449,922	2,493,083	218,856	2,274,227	1,658,409	10.9621	18,179,649	0	0	1.0000	0	4,976,193	3,628,734	85,534,876
2115	7,295,625	4,593,659	2,701,966	1,970,325	33.9468	66,886,228	2,493,083	218,856	2,274,227	1,658,409	11.2449	18,648,648	0	0	1.0000	0	4,976,193	3,628,734	88,169,529
2116	8,034,397	4,593,659	3,440,738	2,509,052	35.2299	88,393,635	4,656,265	218,856	4,437,409	3,235,843	11.5350	37,325,449	0	0	1.0000	0	7,878,147	5,744,895	125,719,084
2117	7,295,625	4,593,659	2,701,966	1,970,325	36.5616	72,038,234	2,493,083	218,856	2,274,227	1,658,409	11.8326	19,623,295	0	0	1.0000	0	4,976,193	3,628,734	91,661,529
2118	17,877,538	4,593,659	13,283,879	9,686,857	37.9437	367,555,199	34,238,822	218,856	34,019,966	24,808,006	12.1379	301,117,092	0	0	1.0000	0	47,303,845	34,494,863	668,672,291
2119	7,918,350	4,593,659	3,324,691	2,424,428	39.3779	95,468,879	4,361,258	218,856	4,142,402	3,020,718	12.4511	37,611,263	0	0	1.0000	0	7,467,093	5,445,146	133,080,142
2120	7,834,550	4,593,659	3,240,892	2,363,320	40.8664	96,580,369	4,056,726	218,856	3,837,870	2,798,647	12.7723	35,745,165	0	0	1.0000	0	7,078,761	5,161,967	132,325,534
2121	7,814,562	4,593,659	3,220,904	2,348,744	42.4112	99,613,055	4,049,895	218,856	3,831,039	2,793,667	13.1018	36,602,061	0	0	1.0000	0	7,051,943	5,142,411	136,215,116
2122	7,814,562	4,593,659	3,220,904	2,348,744	44.0143	103,378,326	4,049,895	218,856	3,831,039	2,793,667	13.4399	37,546,600	0	0	1.0000	0	7,051,943	5,142,411	140,924,926
2123	7,918,350	4,593,659	3,324,691	2,424,428	45.6781	110,743,260	4,361,258	218,856	4,142,402	3,020,718	13.7866	41,645,432	0	0	1.0000	0	7,467,093	5,445,146	152,388,692
2124	7,834,550	4,593,659	3,240,892	2,363,320	47.4047	112,032,462	4,056,726	218,856	3,837,870	2,798,647	14.1423	39,579,312	0	0	1.0000	0	7,078,761	5,161,967	151,611,774
2125	7,814,562	4,593,659	3,220,904	2,348,744	49.1966	115,550,223	4,049,895	218,856	3,831,039	2,793,667	14.5072	40,528,281	0	0	1.0000	0	7,051,943	5,142,411	156,078,503
2126	7,814,562	4,593,659	3,220,904	2,348,744	51.0562	119,917,947	4,049,895	218,856	3,831,039	2,793,667	14.8815	41,573,950	0	0	1.0000	0	7,051,943	5,142,411	161,491,897
2127	7,918,350	4,593,659	3,324,691	2,424,428	52.9861	128,460,979	4,361,258	218,856	4,142,402	3,020,718	15.2654	46,112,470	0	0	1.0000	0	7,467,093	5,445,146	174,573,449
2128	8,554,036	4,593,659	3,960,378	2,887,983	54.9890	158,807,272	6,215,184	218,856	5,996,328	4,372,636	15.6593	68,472,418	0	0	1.0000	0	9,956,705	7,260,619	227,279,691
2129	7,814,562	4,593,659	3,220,904	2,348,744	57.0676	134,037,187	4,049,895	218,856	3,831,039	2,793,667	16.0633	44,875,505	0	0	1.0000	0	7,051,943	5,142,411	178,912,693
2130	7,450,719	4,593,659	2,857,060	2,083,422	59.2248	123,390,272	9,422,288	218,856	9,203,432	6,711,318	16.4777	110,587,078	0	0	1.0000	0	12,060,492	8,794,740	233,977,350
2131	1,940,943	4,593,659	(2,652,716)	(1,934,411)	61.4635	(118,895,647)	5,236,109	218,856	5,017,253	3,658,676	16.9028	(61,841,866)	0	0	1.0000	0	2,364,537	1,724,265	(57,053,781)
	\$1,455,979,838	\$431,803,911	\$1,024,175,927	\$746,848,545		\$7,770,061,866	\$1,271,704,606	\$20,572,464	\$1,251,132,142	\$912,349,330		\$4,489,015,838	\$0	\$0		\$0	\$2,275,308,069	\$1,659,197,875	\$12,259,077,704



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	LABOR						NON-LABOR						PIIC Payment			Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'s	
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor				Jurisdictional Cost in Future \$'s
2104	3,888,694	2,315,817	1,572,877	1,146,972	22.5709	25,888,179	2,820,698	109,428	2,711,270	1,977,110	8.4970	16,799,500	1,250,000	911,524	1.0000	911,524	5,534,147	4,035,605	43,599,203
2105	5,397,361	2,315,817	3,081,544	2,247,120	23.4240	52,636,542	7,367,451	109,428	7,258,023	5,292,689	8.7162	46,132,132	1,250,000	911,524	1.0000	911,524	11,589,567	8,451,332	99,680,198
2106	4,839,226	2,315,817	2,523,408	1,840,117	24.3095	44,732,331	5,693,045	109,428	5,583,617	4,071,680	8.9411	36,405,297	1,250,000	911,524	1.0000	911,524	9,357,026	6,823,321	82,049,152
2107	4,891,119	2,315,817	2,575,302	1,877,959	25.2284	47,377,905	5,848,727	109,428	5,739,299	4,185,206	9.1718	38,385,869	1,250,000	911,524	1.0000	911,524	9,564,601	6,974,689	86,675,298
2108	3,888,694	2,315,817	1,572,877	1,146,972	26.1820	30,030,008	2,820,698	109,428	2,711,270	1,977,110	9.4084	18,601,438	1,250,000	911,524	1.0000	911,524	5,534,147	4,035,605	49,542,970
2109	4,839,226	2,315,817	2,523,408	1,840,117	27.1717	49,999,114	5,693,045	109,428	5,583,617	4,071,680	9.6512	39,296,597	1,250,000	911,524	1.0000	911,524	9,357,026	6,823,321	90,207,235
2110	4,891,119	2,315,817	2,575,302	1,877,959	28.1988	52,956,195	5,848,727	109,428	5,739,299	4,185,206	9.9002	41,434,373	1,250,000	911,524	1.0000	911,524	9,564,601	6,974,689	95,302,092
2111	4,891,119	2,315,817	2,575,302	1,877,959	29.2647	54,957,912	5,848,727	109,428	5,739,299	4,185,206	10.1556	42,503,275	1,250,000	911,524	1.0000	911,524	9,564,601	6,974,689	98,372,710
2112	3,888,694	2,315,817	1,572,877	1,146,972	30.3709	34,834,557	2,820,698	109,428	2,711,270	1,977,110	10.4176	20,596,737	1,250,000	911,524	1.0000	911,524	5,534,147	4,035,605	56,342,818
2113	6,916,086	2,315,817	4,600,268	3,354,603	31.5189	105,733,397	11,923,625	109,428	11,814,197	8,615,137	10.6864	92,064,802	1,250,000	911,524	1.0000	911,524	17,664,466	12,881,264	198,709,724
2114	5,903,603	2,315,817	3,587,785	2,616,281	32.7103	85,579,340	8,886,176	109,428	8,776,748	6,400,171	10.9621	70,159,319	1,250,000	911,524	1.0000	911,524	13,614,533	9,927,976	156,650,183
2115	5,250,662	2,315,817	2,935,045	2,140,291	33.9468	72,656,017	6,927,956	109,428	6,818,528	4,972,200	11.2449	55,911,891	1,250,000	911,524	1.0000	911,524	11,003,573	8,024,014	129,479,431
2116	3,888,694	2,315,817	1,572,877	1,146,972	35.2299	40,407,692	2,820,698	109,428	2,711,270	1,977,110	11.5350	22,805,959	1,250,000	911,524	1.0000	911,524	5,534,147	4,035,605	64,125,175
2117	3,852,646	2,315,817	1,536,828	1,120,684	36.5616	40,974,009	14,592,996	109,428	14,483,568	10,561,693	11.8326	124,972,286	1,250,000	911,524	1.0000	911,524	17,270,396	12,593,901	166,857,819
2118	1,123,816	2,315,817	(1,192,001)	(869,230)	37.9437	(32,981,808)	3,040,582	109,428	2,931,154	2,137,453	12.1379	25,944,194	0	0	1.0000	0	1,739,153	1,268,223	(7,037,614)
	\$808,017,575	\$180,633,760	\$627,383,815	\$457,500,198		\$4,453,479,711	\$800,974,787	\$8,535,385	\$792,439,403	\$577,861,869		\$2,788,664,421	\$106,250,000	\$77,479,519		\$77,479,519	\$1,526,073,217	\$1,112,841,585	\$7,319,623,651

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Factors	LABOR										NON-LABOR					PHC Payment					Total Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'s
	DOE		DOE		DOE		DOE		DOE		DOE		DOE		DOE		DOE						
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s					
<b>Prairie Island Unit 2</b>	72.9219%										2.58%					0.00%							
2034	\$7,675,087	\$0	\$7,675,087	\$5,596,819	1.6811	\$9,408,813	\$2,544,350	\$0	\$2,544,350	\$1,855,389	1.4285	\$2,650,423	\$1,250,000	\$911,524	1.0000	\$911,524	\$11,469,437	\$8,363,732	\$12,970,759				
2035	47,507,649	-	47,507,649	34,643,480	1.7446	60,439,016	31,815,515	-	31,815,515	23,200,478	1.4653	33,995,661	1,250,000	911,524	1.0000	911,524	80,573,164	58,755,482	95,346,200				
2036	27,599,665	-	27,599,665	20,126,200	1.8106	36,440,498	20,807,102	-	20,807,102	15,172,934	1.5032	22,807,955	1,250,000	911,524	1.0000	911,524	49,656,767	36,210,658	60,159,977				
2037	21,434,928	-	21,434,928	15,630,757	1.8790	29,370,192	28,372,228	-	28,372,228	20,689,568	1.5419	31,901,245	1,250,000	911,524	1.0000	911,524	51,057,157	37,231,849	62,182,961				
2038	27,847,219	-	27,847,219	20,306,721	1.9501	39,600,137	51,819,734	-	51,819,734	37,787,935	1.5817	59,769,177	1,250,000	911,524	1.0000	911,524	80,916,594	59,006,180	100,280,838				
2039	5,034,556	-	5,034,556	3,671,294	2.0238	7,429,964	3,184,875	-	3,184,875	2,322,472	1.6225	3,768,210	1,250,000	911,524	1.0000	911,524	9,469,431	6,905,289	12,109,698				
2040	5,048,349	-	5,048,349	3,681,352	2.1003	7,731,944	3,203,397	-	3,203,397	2,335,978	1.6644	3,888,002	1,250,000	911,524	1.0000	911,524	9,501,747	6,928,854	12,531,470				
2041	5,034,556	-	5,034,556	3,671,294	2.1797	8,002,319	3,184,875	-	3,184,875	2,322,472	1.7073	3,965,156	1,250,000	911,524	1.0000	911,524	9,469,431	6,905,289	12,878,998				
2042	5,034,556	2,315,818	2,718,738	1,982,555	2.2620	4,484,540	3,075,447	109,428	3,075,447	2,242,675	1.7514	3,927,820	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	9,323,884				
2043	5,034,556	2,315,818	2,718,738	1,982,555	2.3475	4,654,049	3,184,875	109,428	3,075,447	2,242,675	1.7966	4,029,189	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	9,594,762				
2044	5,048,349	2,315,818	2,732,532	1,992,614	2.4363	4,854,605	3,203,397	109,428	3,093,969	2,256,181	1.8429	4,157,916	1,250,000	911,524	1.0000	911,524	7,076,501	5,160,319	9,924,066				
2045	6,548,694	2,315,818	4,232,876	3,086,693	2.5284	7,804,396	7,727,289	109,428	7,617,861	5,555,089	1.8905	10,501,895	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	19,217,815				
2046	6,043,981	2,315,818	3,728,163	2,718,647	2.6239	7,133,459	6,213,151	109,428	6,103,723	4,450,951	1.9392	8,631,284	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	16,676,266				
2047	6,043,981	2,315,818	3,728,163	2,718,647	2.7231	7,403,149	6,213,151	109,428	6,103,723	4,450,951	1.9893	8,854,276	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	17,168,949				
2048	5,048,349	2,315,818	2,732,532	1,992,614	2.8261	5,631,326	3,203,397	109,428	3,093,969	2,256,181	2.0406	4,603,964	1,250,000	911,524	1.0000	911,524	7,076,501	5,160,319	11,146,813				
2049	6,043,981	2,315,818	3,728,163	2,718,647	2.9329	7,973,521	6,213,151	109,428	6,103,723	4,450,951	2.0932	9,171,703	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	18,201,775				
2050	6,548,694	2,315,818	4,232,876	3,086,693	3.0438	9,395,278	7,727,289	109,428	7,617,861	5,555,089	2.1472	11,927,887	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	22,234,688				
2051	6,493,919	2,315,818	4,178,101	3,046,750	3.1588	9,624,075	7,562,963	109,428	7,453,535	5,435,260	2.2026	11,971,703	1,250,000	911,524	1.0000	911,524	12,881,636	9,393,534	22,507,302				
2052	6,562,487	2,315,818	4,246,669	3,096,752	3.2782	10,151,773	7,745,811	109,428	7,636,383	5,568,595	2.2595	12,582,241	1,250,000	911,524	1.0000	911,524	13,133,052	9,576,871	23,645,538				
2053	5,034,556	2,315,818	2,718,738	1,982,555	3.4021	6,744,852	3,184,875	109,428	3,075,447	2,242,675	2.3178	5,198,071	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	12,854,447				
2054	5,034,556	2,315,818	2,718,738	1,982,555	3.5307	6,999,808	3,184,875	109,428	3,075,447	2,242,675	2.3776	5,332,183	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	13,243,515				
2055	6,548,694	2,315,818	4,232,876	3,086,693	3.6642	11,310,262	7,727,289	109,428	7,617,861	5,555,089	2.4389	13,548,306	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	25,770,092				
2056	6,057,775	2,315,818	3,741,957	2,728,706	3.8027	10,376,450	6,231,673	109,428	6,122,245	4,464,457	2.5018	11,169,179	1,250,000	911,524	1.0000	911,524	11,114,202	8,104,687	22,457,153				
2057	6,043,981	2,315,818	3,728,163	2,718,647	3.9464	10,728,870	6,213,151	109,428	6,103,723	4,450,951	2.5664	11,422,920	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	23,063,411				
2058	5,034,556	2,315,818	2,718,738	1,982,555	4.0956	8,119,754	3,184,875	109,428	3,075,447	2,242,675	2.6326	5,904,065	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	14,935,343				
2059	5,989,206	2,315,818	3,673,388	2,678,704	4.2504	11,385,565	6,048,825	109,428	5,939,397	4,331,121	2.7005	11,696,193	1,250,000	911,524	1.0000	911,524	10,862,785	7,921,350	23,993,282				
2060	6,057,775	2,315,818	3,741,957	2,728,706	4.4111	12,036,595	6,231,673	109,428	6,122,245	4,464,457	2.7702	12,367,440	1,250,000	911,524	1.0000	911,524	11,114,202	8,104,687	25,315,558				
2061	6,043,981	2,315,818	3,728,163	2,718,647	4.5778	12,445,424	6,213,151	109,428	6,103,723	4,450,951	2.8416	12,647,821	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	26,004,769				
2062	5,034,556	2,315,818	2,718,738	1,982,555	4.7509	9,418,922	3,184,875	109,428	3,075,447	2,242,675	2.9150	6,537,397	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	16,867,843				
2063	8,062,832	2,315,818	5,747,014	4,190,832	4.9305	20,662,895	12,269,703	109,428	12,160,275	8,867,503	2.9902	26,515,608	1,250,000	911,524	1.0000	911,524	19,157,288	13,969,859	48,090,027				
2064	7,012,425	2,315,818	4,696,607	3,424,855	5.1168	17,524,298	9,095,623	109,428	8,986,195	6,552,904	3.0673	20,099,724	1,250,000	911,524	1.0000	911,524	14,932,802	10,889,283	38,535,546				
2065	6,043,981	2,315,818	3,728,163	2,718,647	5.3103	14,436,834	6,213,151	109,428	6,103,723	4,450,951	3.1465	14,004,916	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	29,353,274				
2066	5,034,556	2,315,818	2,718,738	1,982,555	5.5110	10,925,863	3,184,875	109,428	3,075,447	2,242,675	3.2276	7,238,457	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	19,075,843				
2067	5,034,556	2,315,818	2,718,738	1,982,555	5.7193	11,338,829	3,184,875	109,428	3,075,447	2,242,675	3.3109	7,425,271	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	19,675,624				
2068	7,067,200	2,315,818	4,751,382	3,464,798	5.9355	20,565,309	9,259,949	109,428	9,150,521	6,672,734	3.3963	22,662,605	1,250,000	911,524	1.0000	911,524	15,151,903	11,049,055	44,139,438				
2069	6,548,694	2,315,818	4,232,876	3,086,693	6.1598	19,013,415	7,727,289	109,428	7,617,861	5,555,089	3.4840	19,353,929	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	39,278,868				
2070	5,034,556	2,315,818	2,718,738	1,982,555	6.3927	12,673,882	3,184,875	109,428	3,075,447	2,242,675	3.5738	8,014,871	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	21,600,276				
2071	5,034,556	2,315,818	2,718,738	1,982,555	6.6343	13,152,867	3,184,875	109,428	3,075,447	2,242,675	3.6660	8,221,645	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	22,286,036				
2072	5,517,137	2,315,818	5,201,320	3,792,901	6.8851	26,114,503	10,609,333	109,428	10,500,333	7,657,043	3.7666	28,795,074	1,250,000	911,524	1.0000	911,524	16,951,653	12,361,467	55,821,101				
2073	5,034,556	2,315,818	2,718,738	1,982,555	7.1454	14,166,151	3,184,875	109,428	3,075,447	2,242,675	3.8576	8,651,342	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	23,729,016				
2074	5,03																						

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Proposed

AMOUNT TO RECOVER

	LABOR						NON-LABOR						PIIC Payment			Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'s	
	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'s	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor				Jurisdictional Cost in Future \$'s
2105	5,397,361	2,315,818	3,081,543	2,247,120	23.4240	52,636,536	7,367,451	109,428	7,258,023	5,292,689	8.7162	46,132,132	1,250,000	911,524	1.0000	911,524	11,589,567	8,451,332	99,680,192
2106	4,839,226	2,315,818	2,523,408	1,840,117	24.3095	44,732,324	5,693,045	109,428	5,583,617	4,071,680	8.9411	36,405,297	1,250,000	911,524	1.0000	911,524	9,357,025	6,823,321	82,049,146
2107	4,891,119	2,315,818	2,575,302	1,877,959	25.2284	47,377,899	5,848,727	109,428	5,739,299	4,185,206	9.1718	38,385,869	1,250,000	911,524	1.0000	911,524	9,564,600	6,974,688	86,675,292
2108	3,888,694	2,315,818	1,572,876	1,146,971	26.1820	30,030,001	2,820,698	109,428	2,711,270	1,977,110	9.4084	18,601,438	1,250,000	911,524	1.0000	911,524	5,534,146	4,035,605	49,542,963
2109	4,839,226	2,315,818	2,523,408	1,840,117	27.1717	49,999,107	5,693,045	109,428	5,583,617	4,071,680	9.6512	39,296,597	1,250,000	911,524	1.0000	911,524	9,357,025	6,823,321	90,207,228
2110	4,891,119	2,315,818	2,575,302	1,877,959	28.1988	52,999,188	5,848,727	109,428	5,739,299	4,185,206	9.9002	41,434,373	1,250,000	911,524	1.0000	911,524	9,564,600	6,974,688	95,302,085
2111	4,891,119	2,315,818	2,575,302	1,877,959	29.2647	54,957,904	5,848,727	109,428	5,739,299	4,185,206	10.1556	42,503,275	1,250,000	911,524	1.0000	911,524	9,564,600	6,974,688	98,372,703
2112	3,888,694	2,315,818	1,572,876	1,146,971	30.3709	34,834,549	2,820,698	109,428	2,711,270	1,977,110	10.4176	20,596,737	1,250,000	911,524	1.0000	911,524	5,534,146	4,035,605	56,342,810
2113	6,916,086	2,315,818	4,600,268	3,354,603	31.5189	105,733,389	11,923,625	109,428	11,814,197	8,615,137	10.6864	92,064,802	1,250,000	911,524	1.0000	911,524	17,664,465	12,881,264	198,709,715
2114	5,903,603	2,315,818	3,587,785	2,616,281	32.7103	85,579,331	8,886,176	109,428	8,776,748	6,400,171	10.9621	70,159,319	1,250,000	911,524	1.0000	911,524	13,614,533	9,927,976	156,650,174
2115	5,250,862	2,315,818	2,935,045	2,140,290	33.9468	72,656,008	6,927,956	109,428	6,818,528	4,972,200	11.2449	55,911,891	1,250,000	911,524	1.0000	911,524	11,003,572	8,024,014	129,479,422
2116	3,888,694	2,315,818	1,572,876	1,146,971	35.2299	40,407,683	2,820,698	109,428	2,711,270	1,977,110	11.5350	22,805,959	1,250,000	911,524	1.0000	911,524	5,534,146	4,035,605	64,125,166
2117	3,852,646	2,315,818	1,536,828	1,120,684	36.5616	40,973,999	14,592,996	109,428	14,483,568	10,561,693	11.8326	124,972,286	1,250,000	911,524	1.0000	911,524	17,270,396	12,593,901	166,857,810
2118	1,123,816	2,315,818	(1,192,002)	(869,230)	37.9437	(32,981,817)	3,040,582	109,428	2,931,154	2,137,453	12.1379	25,944,194	0	0	1.0000	0	1,739,152	1,268,223	(7,037,623)
	\$833,038,756	\$178,317,970	\$654,720,786	\$477,434,837		\$4,835,134,587	\$818,240,537	\$8,425,956	\$809,814,580	\$590,532,179		\$2,923,622,583	\$105,000,000	\$76,567,995		\$76,567,995	\$1,569,535,366	\$1,144,535,010	\$7,835,325,165
	\$3,097,036,169	\$790,755,642	\$2,306,280,527	\$1,681,783,580		\$17,058,676,165	\$2,890,919,930	\$37,533,805	\$2,853,386,125	\$2,080,743,377		\$10,201,302,841	\$211,250,000	\$154,047,514		\$154,047,514	\$5,370,916,653	\$3,916,574,471	\$27,414,026,520

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**100-Year Decommissioning Period**  
**DECON Method**

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**Proposed**

**EXTERNAL FUND CALCULATION**

**Monticello**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$757,935,327	\$15,187,603	\$0	\$6,696,113	\$779,819,043
2021	779,819,043	31,284,497	-	8,507,110	819,610,650
2022	819,610,650	33,911,320	-	60,594,226	914,116,196
2023	914,116,196	37,682,091	-	60,594,226	1,012,392,513
2024	1,012,392,513	41,603,316	-	60,594,226	1,114,590,055
2025	1,114,590,055	45,680,998	-	60,594,226	1,220,865,279
2026	1,220,865,279	49,921,379	-	60,594,226	1,331,380,884
2027	1,331,380,884	54,330,952	-	60,594,226	1,446,306,062
2028	1,446,306,062	58,916,467	-	60,594,226	1,565,816,755
2029	1,565,816,755	63,684,943	-	60,594,226	1,690,095,924
2030	1,690,095,924	65,429,677	(28,367,608)	45,445,669	1,772,603,662
2031	1,772,603,662	67,713,460	(122,134,271)	-	1,718,182,851
2032	1,718,182,851	65,634,585	(75,155,350)	-	1,708,662,085
2033	1,708,662,085	65,270,892	(76,924,759)	-	1,697,008,218
2034	1,697,008,218	64,825,714	(178,436,035)	-	1,583,397,897
2035	1,583,397,897	60,485,800	(15,410,093)	-	1,628,473,604
2036	1,628,473,604	62,207,692	(16,001,584)	-	1,674,679,711
2037	1,674,679,711	63,972,765	(16,508,420)	-	1,722,144,055
2038	1,722,144,055	65,785,903	(10,302,844)	-	1,777,627,114
2039	1,777,627,114	67,905,356	(10,648,786)	-	1,834,883,684
2040	1,834,883,684	70,092,557	(11,065,567)	-	1,893,910,674
2041	1,893,910,674	72,347,388	(11,377,123)	-	1,954,880,939
2042	1,954,880,939	74,676,452	(11,760,090)	-	2,017,797,301
2043	2,017,797,301	77,079,857	(12,156,540)	-	2,082,720,617
2044	2,082,720,617	79,559,928	(12,633,892)	-	2,149,646,652
2045	2,149,646,652	82,116,502	(12,991,378)	-	2,218,771,777
2046	2,218,771,777	84,757,082	(13,430,107)	-	2,290,098,751
2047	2,290,098,751	87,481,772	(13,884,721)	-	2,363,695,803
2048	2,363,695,803	90,293,180	(19,126,385)	-	2,434,862,597
2049	2,434,862,597	93,011,751	(14,841,483)	-	2,513,032,865
2050	2,513,032,865	95,997,855	(26,542,551)	-	2,582,488,169
2051	2,582,488,169	98,651,048	(27,395,394)	-	2,653,743,823
2052	2,653,743,823	101,373,014	(28,364,889)	-	2,726,751,948
2053	2,726,751,948	104,161,924	(29,188,012)	-	2,801,725,861
2054	2,801,725,861	107,025,928	(30,129,169)	-	2,878,622,620
2055	2,878,622,620	109,963,384	(31,101,647)	-	2,957,484,357
2056	2,957,484,357	112,975,902	(32,206,727)	-	3,038,253,533
2057	3,038,253,533	116,061,285	(33,145,204)	-	3,121,169,614
2058	3,121,169,614	119,228,679	(97,082,104)	-	3,143,316,189
2059	3,143,316,189	120,074,678	(35,327,682)	-	3,228,063,185
2060	3,228,063,185	123,312,014	(36,589,159)	-	3,314,786,040

**Xcel Energy  
 Nuclear Decommissioning Accrual  
 100-Year Decommissioning Period  
 DECON Method**

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**Proposed**

**EXTERNAL FUND CALCULATION**

<i>External Levelized</i>	2061	3,314,786,040	126,624,827	(37,658,784)	-	3,403,752,082
	2062	3,403,752,082	130,023,330	(38,884,261)	-	3,494,891,150
	2063	3,494,891,150	133,504,842	(76,581,553)	-	3,551,814,439
	2064	3,551,814,439	135,679,312	(41,589,363)	-	3,645,904,388
	2065	3,645,904,388	139,273,548	(42,811,330)	-	3,742,366,606
	2066	3,742,366,606	142,958,404	(52,172,708)	-	3,833,152,302
	2067	3,833,152,302	146,426,418	(45,654,240)	-	3,933,924,479
	2068	3,933,924,479	150,275,915	(165,621,329)	-	3,918,579,065
	2069	3,918,579,065	149,689,720	(48,693,006)	-	4,019,575,779
	2070	4,019,575,779	153,547,795	(50,289,621)	-	4,122,833,952
	2071	4,122,833,952	157,492,257	(51,940,313)	-	4,228,385,896
	2072	4,228,385,896	161,524,341	(53,819,718)	-	4,336,090,519
	2073	4,336,090,519	165,638,658	(55,412,221)	-	4,446,316,956
	2074	4,446,316,956	169,849,308	(57,237,367)	-	4,558,928,897
	2075	4,558,928,897	174,151,084	(59,124,084)	-	4,673,955,897
	2076	4,673,955,897	178,545,115	(61,272,344)	-	4,791,228,668
	2077	4,791,228,668	183,024,935	(63,091,936)	-	4,911,161,667
	2078	4,911,161,667	187,606,376	(65,177,922)	-	5,033,590,120
	2079	5,033,590,120	192,283,143	(67,335,184)	-	5,158,538,079
	2080	5,158,538,079	197,056,155	(69,792,439)	-	5,285,801,795
	2081	5,285,801,795	201,917,629	(71,873,207)	-	5,415,846,217
	2082	5,415,846,217	206,885,325	(74,258,820)	-	5,548,472,722
	2083	5,548,472,722	211,951,658	(76,726,673)	-	5,683,697,707
	2084	5,683,697,707	217,117,252	(557,658,753)	-	5,343,156,207
	2085	5,343,156,207	204,108,567	(337,486,391)	-	5,209,778,383
	2086	5,209,778,383	199,013,534	(607,408,676)	-	4,801,383,241
	2087	4,801,383,241	183,412,840	(1,053,086,574)	-	3,931,709,507
	2088	3,931,709,507	150,191,303	(701,453,096)	-	3,380,447,714
	2089	3,380,447,714	129,133,103	(685,378,367)	-	2,824,202,450
	2090	2,824,202,450	107,884,534	(356,106,738)	-	2,575,980,246
	2091	2,575,980,246	98,402,445	(293,254,862)	-	2,381,127,829
	2092	2,381,127,829	90,959,083	(187,755,271)	-	2,284,331,641
	2093	2,284,331,641	87,261,469	(112,602,917)	-	2,258,990,192
	2094	2,258,990,192	86,293,425	(88,420,703)	-	2,256,862,914
	2095	2,256,862,914	86,212,163	(157,717,552)	-	2,185,357,526
	2096	2,185,357,526	83,480,657	(129,102,878)	-	2,139,735,305
	2097	2,139,735,305	81,737,889	(46,089,744)	-	2,175,383,449
	2098	2,175,383,449	83,099,648	(47,690,567)	-	2,210,792,529
	2099	2,210,792,529	84,452,275	(49,348,215)	-	2,245,896,589
	2100	2,245,896,589	85,793,250	(51,064,657)	-	2,280,625,181
	2101	2,280,625,181	87,119,882	(52,842,196)	-	2,314,902,867
	2102	2,314,902,867	88,429,290	(54,682,968)	-	2,348,649,188
	2103	2,348,649,188	89,718,399	(56,589,307)	-	2,381,778,281
	2104	2,381,778,281	90,983,930	(58,934,820)	-	2,413,827,391
	2105	2,413,827,391	92,208,206	(60,607,920)	-	2,445,427,677
	2106	2,445,427,677	93,415,337	(62,725,619)	-	2,476,117,394
	2107	2,476,117,394	94,587,684	(64,918,746)	-	2,505,786,333

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

2108	2,505,786,333	95,721,038	(352,794,353)	-	2,248,713,017
2109	2,248,713,017	85,900,837	(69,542,720)	-	2,265,071,135
2110	2,265,071,135	86,525,717	(71,979,385)	-	2,279,617,467
2111	2,279,617,467	87,081,387	(74,503,112)	-	2,292,195,742
2112	2,292,195,742	87,561,877	(77,611,752)	-	2,302,145,867
2113	2,302,145,867	87,941,972	(246,447,503)	-	2,143,640,336
2114	2,143,640,336	81,887,061	(82,629,571)	-	2,142,897,826
2115	2,142,897,826	81,858,697	(85,534,876)	-	2,139,221,647
2116	2,139,221,647	81,718,267	(125,719,084)	-	2,095,220,830
2117	2,095,220,830	80,037,436	(91,661,529)	-	2,083,596,736
2118	2,083,596,736	79,593,395	(668,672,291)	-	1,494,517,840
2119	1,494,517,840	57,090,582	(133,080,142)	-	1,418,528,280
2120	1,418,528,280	54,187,780	(132,325,534)	-	1,340,390,527
2121	1,340,390,527	51,202,918	(136,215,116)	-	1,255,378,328
2122	1,255,378,328	47,955,452	(140,924,926)	-	1,162,408,854
2123	1,162,408,854	44,404,018	(152,388,692)	-	1,054,424,181
2124	1,054,424,181	40,279,004	(151,611,774)	-	943,091,410
2125	943,091,410	36,026,092	(156,078,503)	-	823,038,999
2126	823,038,999	31,440,090	(161,491,897)	-	692,987,192
2127	692,987,192	26,472,111	(174,573,449)	-	544,885,854
2128	544,885,854	20,814,640	(227,279,691)	-	338,420,803
2129	338,420,803	12,927,675	(178,912,693)	-	172,435,785
2130	172,435,785	6,587,047	(233,977,350)	-	(54,954,518)
2131	(54,954,518)	(2,099,263)	57,053,781	-	0

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 1**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$437,068,622	\$8,850,889	\$0	\$24,632	\$445,944,143
2021	445,944,143	18,311,832	-	12,399,703	476,655,678
2022	476,655,678	19,987,239	-	33,712,798	530,355,715
2023	530,355,715	22,162,091	-	33,712,798	586,230,604
2024	586,230,604	24,425,024	-	33,712,798	644,368,426
2025	644,368,426	26,779,605	-	33,712,798	704,860,830
2026	704,860,830	29,229,548	-	33,712,798	767,803,177
2027	767,803,177	31,778,713	-	33,712,798	833,294,688
2028	833,294,688	34,431,119	-	33,712,798	901,438,605
2029	901,438,605	37,190,948	-	33,712,798	972,342,351
2030	972,342,351	40,062,549	-	33,712,798	1,046,117,699
2031	1,046,117,699	43,050,451	-	33,712,798	1,122,880,948
2032	1,122,880,948	46,159,363	-	33,712,798	1,202,753,109
2033	1,202,753,109	46,255,187	(27,737,690)	22,587,575	1,243,858,181
2034	1,243,858,181	47,390,997	(91,655,683)	-	1,199,593,495
2035	1,199,593,495	45,704,512	(38,240,833)	-	1,207,057,174
2036	1,207,057,174	45,988,878	(32,427,290)	-	1,220,618,762
2037	1,220,618,762	46,505,575	(56,839,697)	-	1,210,284,639
2038	1,210,284,639	46,111,845	(95,680,083)	-	1,160,716,401
2039	1,160,716,401	44,223,295	(12,019,785)	-	1,192,919,911
2040	1,192,919,911	45,450,249	(12,437,991)	-	1,225,932,168
2041	1,225,932,168	46,708,016	(8,965,162)	-	1,263,675,021
2042	1,263,675,021	48,146,018	(9,223,672)	-	1,302,597,367
2043	1,302,597,367	49,628,960	(9,490,857)	-	1,342,735,470
2044	1,342,735,470	51,158,221	(9,816,015)	-	1,384,077,676
2045	1,384,077,676	52,733,359	(19,106,107)	-	1,417,704,929
2046	1,417,704,929	54,014,558	(16,560,442)	-	1,455,159,045
2047	1,455,159,045	55,441,560	(17,048,852)	-	1,493,551,753
2048	1,493,551,753	56,904,322	(11,021,942)	-	1,539,434,132
2049	1,539,434,132	58,652,440	(18,072,650)	-	1,580,013,922
2050	1,580,013,922	60,198,530	(22,100,796)	-	1,618,111,657
2051	1,618,111,657	61,650,054	(22,368,468)	-	1,657,393,243
2052	1,657,393,243	63,146,683	(23,501,182)	-	1,697,038,743
2053	1,697,038,743	64,657,176	(12,705,169)	-	1,748,990,751
2054	1,748,990,751	66,636,548	(13,088,721)	-	1,802,538,577
2055	1,802,538,577	68,676,720	(25,609,575)	-	1,845,605,722
2056	1,845,605,722	70,317,578	(22,290,247)	-	1,893,633,053
2057	1,893,633,053	72,147,419	(22,890,710)	-	1,942,889,762
2058	1,942,889,762	74,024,100	(14,756,355)	-	2,002,157,508
2059	2,002,157,508	76,282,201	(23,807,673)	-	2,054,632,036
2060	2,054,632,036	78,281,481	(25,122,551)	-	2,107,790,965

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**EXTERNAL FUND CALCULATION**

<i>External Levelized</i>	2061	2,107,790,965	80,306,836	(25,805,168)	-	2,162,292,633
	2062	2,162,292,633	82,383,349	(16,660,849)	-	2,228,015,133
	2063	2,228,015,133	84,887,377	(47,875,368)	-	2,265,027,141
	2064	2,265,027,141	86,297,534	(38,312,329)	-	2,313,012,347
	2065	2,313,012,347	88,125,770	(29,122,417)	-	2,372,015,700
	2066	2,372,015,700	90,373,798	(18,836,435)	-	2,443,553,064
	2067	2,443,553,064	93,099,372	(19,427,343)	-	2,517,225,092
	2068	2,517,225,092	95,906,276	(43,881,246)	-	2,569,250,122
	2069	2,569,250,122	97,888,430	(39,011,837)	-	2,628,126,714
	2070	2,628,126,714	100,131,628	(21,323,341)	-	2,706,935,001
	2071	2,706,935,001	103,134,224	(21,998,831)	-	2,788,070,394
	2072	2,788,070,394	106,225,482	(55,522,421)	-	2,838,773,455
	2073	2,838,773,455	108,157,269	(23,420,100)	-	2,923,510,624
	2074	2,923,510,624	111,385,755	(24,167,492)	-	3,010,728,887
	2075	3,010,728,887	114,708,771	(66,725,963)	-	3,058,711,694
	2076	3,058,711,694	116,536,916	(25,875,112)	-	3,149,373,497
	2077	3,149,373,497	119,991,130	(26,566,080)	-	3,242,798,548
	2078	3,242,798,548	123,550,625	(67,440,014)	-	3,298,909,159
	2079	3,298,909,159	125,688,439	(28,305,486)	-	3,396,292,112
	2080	3,396,292,112	129,398,729	(29,374,603)	-	3,496,316,239
	2081	3,496,316,239	133,209,649	(30,166,584)	-	3,599,359,303
	2082	3,599,359,303	137,135,589	(74,331,622)	-	3,662,163,270
	2083	3,662,163,270	139,528,421	(32,157,932)	-	3,769,533,758
	2084	3,769,533,758	143,619,236	(33,381,105)	-	3,879,771,890
	2085	3,879,771,890	147,819,309	(34,288,833)	-	3,993,302,366
	2086	3,993,302,366	152,144,820	(35,409,859)	-	4,110,037,327
	2087	4,110,037,327	156,592,422	(255,683,464)	-	4,010,946,285
	2088	4,010,946,285	152,817,053	(830,481,060)	-	3,333,282,279
	2089	3,333,282,279	126,998,055	(804,146,503)	-	2,656,133,831
	2090	2,656,133,831	101,198,699	(595,007,386)	-	2,162,325,144
	2091	2,162,325,144	82,384,588	(516,791,852)	-	1,727,917,880
	2092	1,727,917,880	65,833,671	(84,757,832)	-	1,708,993,719
	2093	1,708,993,719	65,112,661	(239,892,732)	-	1,534,213,647
	2094	1,534,213,647	58,453,540	(212,682,698)	-	1,379,984,489
	2095	1,379,984,489	52,577,409	(208,699,152)	-	1,223,862,746
	2096	1,223,862,746	46,629,171	(64,431,911)	-	1,206,060,006
	2097	1,206,060,006	45,950,886	(61,891,263)	-	1,190,119,629
	2098	1,190,119,629	45,343,558	(40,403,512)	-	1,195,059,675
	2099	1,195,059,675	45,531,774	(65,871,897)	-	1,174,719,552
	2100	1,174,719,552	44,756,815	(82,036,090)	-	1,137,440,277
2101	1,137,440,277	43,336,475	(89,609,626)	-	1,091,167,125	
2102	1,091,167,125	41,573,467	(92,451,740)	-	1,040,288,853	
2103	1,040,288,853	39,635,005	(40,253,970)	-	1,039,669,888	
2104	1,039,669,888	39,611,423	(43,599,203)	-	1,035,682,107	
2105	1,035,682,107	39,459,488	(99,680,198)	-	975,461,398	
2106	975,461,398	37,165,079	(82,049,152)	-	930,577,325	
2107	930,577,325	35,454,996	(86,675,298)	-	879,357,023	

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**EXTERNAL FUND CALCULATION**

2108	879,357,023	33,503,503	(49,542,970)	-	863,317,556
2109	863,317,556	32,892,399	(90,207,235)	-	806,002,720
2110	806,002,720	30,708,704	(95,302,092)	-	741,409,332
2111	741,409,332	28,247,696	(98,372,710)	-	671,284,317
2112	671,284,317	25,575,932	(56,342,818)	-	640,517,432
2113	640,517,432	24,403,714	(198,709,724)	-	466,211,422
2114	466,211,422	17,762,655	(156,650,183)	-	327,323,895
2115	327,323,895	12,471,040	(129,479,431)	-	210,315,504
2116	210,315,504	8,013,021	(64,125,175)	-	154,203,350
2117	154,203,350	5,875,148	(166,857,819)	-	(6,779,321)
2118	(6,779,321)	(258,292)	7,037,614	-	0

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 2**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$487,163,479	\$9,868,044	\$0	\$294,670	\$497,326,194
2021	497,326,194	20,273,571	-	6,511,608	524,111,373
2022	524,111,373	21,796,464	-	28,145,864	574,053,701
2023	574,053,701	23,819,129	-	28,145,864	626,018,694
2024	626,018,694	25,923,711	-	28,145,864	680,088,270
2025	680,088,270	28,113,529	-	28,145,864	736,347,663
2026	736,347,663	30,392,034	-	28,145,864	794,885,561
2027	794,885,561	32,762,819	-	28,145,864	855,794,244
2028	855,794,244	35,229,621	-	28,145,864	919,169,729
2029	919,169,729	37,796,328	-	28,145,864	985,111,922
2030	985,111,922	40,466,987	-	28,145,864	1,053,724,772
2031	1,053,724,772	43,245,807	-	28,145,864	1,125,116,444
2032	1,125,116,444	46,137,170	-	28,145,864	1,199,399,478
2033	1,199,399,478	49,145,633	-	28,145,864	1,276,690,975
2034	1,276,690,975	49,215,792	(12,970,759)	23,361,067	1,336,297,075
2035	1,336,297,075	51,046,548	(95,346,200)	-	1,291,997,423
2036	1,291,997,423	49,354,302	(60,159,977)	-	1,281,191,747
2037	1,281,191,747	48,941,525	(62,182,961)	-	1,267,950,311
2038	1,267,950,311	48,435,702	(100,280,838)	-	1,216,105,175
2039	1,216,105,175	46,455,218	(12,109,698)	-	1,250,450,695
2040	1,250,450,695	47,767,217	(12,531,470)	-	1,285,686,441
2041	1,285,686,441	49,113,222	(12,878,998)	-	1,321,920,665
2042	1,321,920,665	50,497,369	(9,323,884)	-	1,363,094,150
2043	1,363,094,150	52,070,197	(9,594,762)	-	1,405,569,585
2044	1,405,569,585	53,692,758	(9,924,046)	-	1,449,338,298
2045	1,449,338,298	55,364,723	(19,217,815)	-	1,485,485,206
2046	1,485,485,206	56,745,535	(16,676,266)	-	1,525,554,474
2047	1,525,554,474	58,276,181	(17,168,949)	-	1,566,661,706
2048	1,566,661,706	59,846,477	(11,146,813)	-	1,615,361,370
2049	1,615,361,370	61,706,804	(18,201,775)	-	1,658,866,399
2050	1,658,866,399	63,368,696	(22,234,688)	-	1,700,000,408
2051	1,700,000,408	64,940,016	(22,507,302)	-	1,742,433,122
2052	1,742,433,122	66,560,945	(23,645,538)	-	1,785,348,529
2053	1,785,348,529	68,200,314	(12,854,447)	-	1,840,694,396
2054	1,840,694,396	70,314,526	(13,243,515)	-	1,897,765,407
2055	1,897,765,407	72,494,639	(25,770,092)	-	1,944,489,953
2056	1,944,489,953	74,279,516	(22,457,153)	-	1,996,312,316
2057	1,996,312,316	76,259,130	(23,063,314)	-	2,049,508,133
2058	2,049,508,133	78,291,211	(14,935,343)	-	2,112,864,001
2059	2,112,864,001	80,711,405	(23,993,282)	-	2,169,582,123
2060	2,169,582,123	82,878,037	(25,315,558)	-	2,227,144,602

**Xcel Energy  
 Nuclear Decommissioning Accrual  
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**Proposed**

**EXTERNAL FUND CALCULATION**

*External Levelized*

2061	2,227,144,602	85,076,924	(26,004,769)	-	2,286,216,756
2062	2,286,216,756	87,333,480	(16,867,843)	-	2,356,682,394
2063	2,356,682,394	90,025,267	(48,090,027)	-	2,398,617,634
2064	2,398,617,634	91,627,194	(38,535,546)	-	2,451,709,282
2065	2,451,709,282	93,655,295	(29,353,274)	-	2,516,011,303
2066	2,516,011,303	96,111,632	(19,075,843)	-	2,593,047,092
2067	2,593,047,092	99,054,399	(19,675,624)	-	2,672,425,867
2068	2,672,425,867	102,086,668	(44,139,438)	-	2,730,373,097
2069	2,730,373,097	104,300,252	(39,278,868)	-	2,795,394,481
2070	2,795,394,481	106,784,069	(21,600,276)	-	2,880,578,274
2071	2,880,578,274	110,038,090	(22,286,036)	-	2,968,330,328
2072	2,968,330,328	113,390,219	(55,821,101)	-	3,025,899,446
2073	3,025,899,446	115,589,359	(23,729,016)	-	3,117,759,788
2074	3,117,759,788	119,098,424	(24,487,875)	-	3,212,370,337
2075	3,212,370,337	122,712,547	(67,058,241)	-	3,268,024,643
2076	3,268,024,643	124,838,541	(26,220,672)	-	3,366,642,512
2077	3,366,642,512	128,605,744	(26,923,493)	-	3,468,324,764
2078	3,468,324,764	132,490,006	(67,810,704)	-	3,533,004,066
2079	3,533,004,066	134,960,755	(28,689,945)	-	3,639,274,876
2080	3,639,274,876	139,020,300	(29,774,445)	-	3,748,520,732
2081	3,748,520,732	143,193,492	(30,580,153)	-	3,861,134,071
2082	3,861,134,071	147,495,322	(74,760,564)	-	3,933,868,828
2083	3,933,868,828	150,273,789	(32,602,822)	-	4,051,539,795
2084	4,051,539,795	154,768,820	(33,843,804)	-	4,172,464,811
2085	4,172,464,811	159,388,156	(34,767,428)	-	4,297,085,539
2086	4,297,085,539	164,148,668	(35,906,259)	-	4,425,327,947
2087	4,425,327,947	169,047,528	(37,084,462)	-	4,557,291,013
2088	4,557,291,013	174,088,517	(574,008,592)	-	4,157,370,938
2089	4,157,370,938	158,811,570	(442,699,693)	-	3,873,482,815
2090	3,873,482,815	147,967,044	(833,911,744)	-	3,187,538,115
2091	3,187,538,115	121,763,956	(784,811,462)	-	2,524,490,609
2092	2,524,490,609	96,435,541	(738,194,799)	-	1,882,731,351
2093	1,882,731,351	71,920,338	(310,267,287)	-	1,644,384,402
2094	1,644,384,402	62,815,484	(280,174,080)	-	1,427,025,806
2095	1,427,025,806	54,512,386	(259,047,288)	-	1,222,490,904
2096	1,222,490,904	46,699,153	(64,431,907)	-	1,204,758,150
2097	1,204,758,150	46,021,761	(61,891,259)	-	1,188,888,652
2098	1,188,888,652	45,415,547	(40,403,507)	-	1,193,900,691
2099	1,193,900,691	45,607,006	(65,871,892)	-	1,173,635,806
2100	1,173,635,806	44,832,888	(82,036,085)	-	1,136,432,609
2101	1,136,432,609	43,411,726	(89,609,621)	-	1,090,234,714
2102	1,090,234,714	41,646,966	(92,451,734)	-	1,039,429,945
2103	1,039,429,945	39,706,224	(40,253,965)	-	1,038,882,205
2104	1,038,882,205	39,685,300	(43,599,198)	-	1,034,968,307
2105	1,034,968,307	39,535,789	(99,680,192)	-	974,823,905
2106	974,823,905	37,238,273	(82,049,146)	-	930,013,032
2107	930,013,032	35,526,498	(86,675,292)	-	878,864,238

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

2108	878,864,238	33,572,614	(49,542,963)	-	862,893,889
2109	862,893,889	32,962,547	(90,207,228)	-	805,649,207
2110	805,649,207	30,775,800	(95,302,085)	-	741,122,922
2111	741,122,922	28,310,896	(98,372,703)	-	671,061,115
2112	671,061,115	25,634,535	(56,342,810)	-	640,352,840
2113	640,352,840	24,461,478	(198,709,715)	-	466,104,603
2114	466,104,603	17,805,196	(156,650,174)	-	327,259,624
2115	327,259,624	12,501,318	(129,479,422)	-	210,281,520
2116	210,281,520	8,032,754	(64,125,166)	-	154,189,108
2117	154,189,108	5,890,024	(166,857,810)	-	(6,778,678)
2118	(6,778,678)	(258,945)	7,037,623	-	0

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**2022 ACCRUAL COMPARISON**

	Present	Proposed	Difference
Monticello	\$8,507,110	\$113,294,038	\$104,786,928
Prairie Island Unit 1	12,399,703	52,244,607	39,844,904
Prairie Island Unit 2	6,511,608	45,582,991	39,071,383
<b>TOTAL</b>	<b>\$27,418,421</b>	<b>\$211,121,636</b>	<b>\$183,703,215</b>

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**Xcel Energy**  
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**2022 MN RETAIL SUMMARY**

	Remaining Life (yrs)	Operational Earnings Rate	Post-Shutdown Earnings Rate	Market Value Balance 6/30/2020	Book Value 6/30/2020	Unrealized Gain/Loss 6/30/2020	Tax-Effect Adjustment	Tax-Adjusted Fund Balance 6/30/2020	2022-2024 Decommissioning Accrual
Monticello	9.67	4.01%	3.93%	\$814,968,100	\$610,109,002	\$204,859,098	\$57,032,773	\$757,935,327	<b>\$113,294,038</b>
Prairie Island Unit 1	13.25	4.08%	3.91%	471,960,960	346,629,286	125,331,674	34,892,338	437,068,622	<b>52,244,607</b>
Prairie Island Unit 2	14.42	4.07%	3.91%	526,255,835	385,837,890	140,417,945	39,092,356	487,163,479	<b>45,582,991</b>
<b>TOTAL DECOMMISSIONING ACCRUAL</b>				<b>\$1,813,184,895</b>	<b>\$1,342,576,178</b>	<b>\$470,608,717</b>	<b>\$131,017,467</b>	<b>\$1,682,167,428</b>	<b>\$211,121,636</b>

**INPUT DATA**

Escalation Rate (Labor)	3.78%
Escalation Rate (Non-Labor)	2.58%
Escalation Rate (PIIC)	0.00%
Jurisdictional Factor	72.9219%
Tax Rate for tax-effect adjustment	27.84%

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AMOUNT TO RECOVER		LABOR					NON-LABOR					PIIC Payment				Total Cost Estimate	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$	
Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Nominal \$	Nominal \$	Nominal \$	
<b>Monticello</b>																			
<i>Factors 2020</i>																			
2030	\$19,195,236	\$0	\$19,195,236	\$13,997,531	1.4492	\$20,285,222	\$8,591,287	\$0	\$8,591,287	\$6,264,930	1.2901	\$8,082,386	\$0	\$0	1.0000	\$0	\$27,786,523	\$20,262,461	\$28,367,608
2031	69,383,883	-	69,383,883	50,596,046	1.5040	76,096,453	47,705,189	-	47,705,189	34,787,531	1.3234	46,037,818	0	0	1.0000	0	117,089,073	85,383,577	122,134,271
2032	35,972,723	-	35,972,723	26,231,993	1.5609	40,945,518	34,558,361	-	34,558,361	25,200,613	1.3575	34,209,833	0	0	1.0000	0	70,531,084	51,432,606	75,155,530
2033	32,005,491	-	32,005,491	23,339,012	1.6199	37,806,866	38,520,427	-	38,520,427	28,089,827	1.3926	39,117,893	0	0	1.0000	0	75,525,918	51,428,839	76,924,759
2034	52,288,906	-	52,288,906	38,130,064	1.6811	64,100,450	109,759,772	-	109,759,772	80,038,911	1.4285	114,335,585	0	0	1.0000	0	162,048,678	118,168,975	178,436,035
2035	9,293,107	-	9,293,107	6,776,710	1.7446	11,822,648	3,357,382	-	3,357,382	2,448,267	1.4653	3,587,445	0	0	1.0000	0	12,650,489	9,224,977	15,410,093
2036	9,318,517	-	9,318,517	6,795,240	1.8106	12,303,461	3,373,701	-	3,373,701	2,460,167	1.5032	3,698,123	0	0	1.0000	0	12,692,219	9,255,407	16,001,584
2037	9,293,107	-	9,293,107	6,776,710	1.8790	12,733,438	3,357,382	-	3,357,382	2,448,267	1.5419	3,774,982	0	0	1.0000	0	12,650,489	9,224,977	16,508,420
2038	9,293,107	4,593,659	4,699,448	3,426,927	1.9501	6,682,850	3,357,382	218,856	3,138,526	2,288,673	1.5817	3,619,994	0	0	1.0000	0	7,837,974	5,715,600	10,302,844
2039	9,293,107	4,593,659	4,699,448	3,426,927	2.0238	6,935,415	3,357,382	218,856	3,138,526	2,288,673	1.6225	3,713,371	0	0	1.0000	0	7,837,974	5,715,600	10,648,786
2040	9,318,517	4,593,659	4,724,859	3,445,457	2.1003	7,236,493	3,373,701	218,856	3,154,845	2,300,573	1.6644	3,829,074	0	0	1.0000	0	7,879,704	5,746,030	11,065,567
2041	9,293,107	4,593,659	4,699,448	3,426,927	2.1797	7,469,672	3,357,382	218,856	3,138,526	2,288,673	1.7073	3,907,451	0	0	1.0000	0	7,837,974	5,715,600	11,377,123
2042	9,293,107	4,593,659	4,699,448	3,426,927	2.2620	7,751,709	3,357,382	218,856	3,138,526	2,288,673	1.7514	4,008,381	0	0	1.0000	0	7,837,974	5,715,600	11,700,900
2043	9,293,107	4,593,659	4,699,448	3,426,927	2.3475	8,044,711	3,357,382	218,856	3,138,526	2,288,673	1.7966	4,111,829	0	0	1.0000	0	7,837,974	5,715,600	12,156,540
2044	9,318,517	4,593,659	4,724,859	3,445,457	2.4363	8,394,166	3,373,701	218,856	3,154,845	2,300,573	1.8429	4,239,726	0	0	1.0000	0	7,879,704	5,746,030	12,633,892
2045	9,293,107	4,593,659	4,699,448	3,426,927	2.5284	8,664,642	3,357,382	218,856	3,138,526	2,288,673	1.8905	4,326,736	0	0	1.0000	0	7,837,974	5,715,600	12,991,578
2046	9,293,107	4,593,659	4,699,448	3,426,927	2.6239	8,991,913	3,357,382	218,856	3,138,526	2,288,673	1.9392	4,438,194	0	0	1.0000	0	7,837,974	5,715,600	13,430,107
2047	9,293,107	4,593,659	4,699,448	3,426,927	2.7231	9,331,865	3,357,382	218,856	3,138,526	2,288,673	1.9893	4,552,857	0	0	1.0000	0	7,837,974	5,715,600	13,884,721
2048	10,038,003	4,593,659	5,444,345	3,970,120	2.8261	11,219,955	5,532,159	218,856	5,313,303	3,874,562	2.0406	6,566,945	0	0	1.0000	0	10,757,648	7,844,681	19,126,385
2049	9,293,107	4,593,659	4,699,448	3,426,927	2.9329	10,050,834	3,357,382	218,856	3,138,526	2,288,673	2.0932	4,790,650	0	0	1.0000	0	7,837,974	5,715,600	14,841,483
2050	10,911,950	4,593,659	6,318,292	4,607,418	3.0438	14,024,660	8,213,912	218,856	7,995,056	5,830,147	2.1472	12,518,491	0	0	1.0000	0	14,313,348	10,437,565	26,542,551
2051	10,911,950	4,593,659	6,318,292	4,607,418	3.1588	14,553,913	8,213,912	218,856	7,995,056	5,830,147	2.2026	12,841,481	0	0	1.0000	0	14,313,348	10,437,565	27,395,394
2052	10,937,361	4,593,659	6,343,702	4,625,948	3.2782	15,164,783	8,230,232	218,856	8,011,376	5,842,047	2.2595	13,200,106	0	0	1.0000	0	14,355,078	10,467,992	28,364,889
2053	10,911,950	4,593,659	6,318,292	4,607,418	3.4021	15,674,808	8,213,912	218,856	7,995,056	5,830,147	2.3178	13,513,114	0	0	1.0000	0	14,313,348	10,437,565	29,188,012
2054	10,911,950	4,593,659	6,318,292	4,607,418	3.5307	16,267,412	8,213,912	218,856	7,995,056	5,830,147	2.3776	13,861,757	0	0	1.0000	0	14,313,348	10,437,565	30,129,169
2055	10,911,950	4,593,659	6,318,292	4,607,418	3.6642	16,882,502	8,213,912	218,856	7,995,056	5,830,147	2.4389	14,219,145	0	0	1.0000	0	14,313,348	10,437,565	31,101,647
2056	10,937,361	4,593,659	6,343,702	4,625,948	3.8027	17,591,093	8,230,232	218,856	8,011,376	5,842,047	2.5018	14,615,634	0	0	1.0000	0	14,355,078	10,467,995	32,066,727
2057	10,911,950	4,593,659	6,318,292	4,607,418	3.9464	18,182,715	8,213,912	218,856	7,995,056	5,830,147	2.5664	14,962,489	0	0	1.0000	0	14,313,348	10,437,565	33,145,204
2058	18,099,790	4,593,659	13,506,131	9,848,928	4.0956	40,337,268	29,777,431	218,856	29,558,575	21,554,675	2.6326	56,744,837	0	0	1.0000	0	43,064,707	31,403,602	97,082,104
2059	10,911,950	4,593,659	6,318,292	4,607,418	4.2504	19,583,370	8,213,912	218,856	7,995,056	5,830,147	2.7005	15,744,312	0	0	1.0000	0	14,313,348	10,437,565	35,327,682
2060	10,937,361	4,593,659	6,343,702	4,625,948	4.4111	20,405,519	8,230,232	218,856	8,011,376	5,842,047	2.7702	16,183,639	0	0	1.0000	0	14,355,078	10,467,995	36,589,159
2061	10,911,950	4,593,659	6,318,292	4,607,418	4.5778	21,091,839	8,213,912	218,856	7,995,056	5,830,147	2.8416	16,566,945	0	0	1.0000	0	14,313,348	10,437,565	37,688,784
2062	10,911,950	4,593,659	6,318,292	4,607,418	4.7509	21,889,383	8,213,912	218,856	7,995,056	5,830,147	2.9150	16,994,878	0	0	1.0000	0	14,313,348	10,437,565	38,884,261
2063	14,505,870	4,593,659	9,912,211	7,228,173	4.9305	35,638,306	18,995,672	218,856	18,776,816	13,692,411	2.9902	40,943,047	0	0	1.0000	0	28,689,027	20,920,584	76,581,553
2064	10,937,361	4,593,659	6,343,702	4,625,948	5.1168	23,670,651	8,230,232	218,856	8,011,376	5,842,047	3.0673	17,919,312	0	0	1.0000	0	14,355,078	10,467,995	41,272,344
2065	10,911,950	4,593,659	6,318,292	4,607,418	5.3103	24,466,773	8,213,912	218,856	7,995,056	5,830,147	3.1465	18,344,557	0	0	1.0000	0	14,313,348	10,437,565	42,811,530
2066	11,630,734	4,593,659	7,037,076	5,131,569	5.5110	28,280,078	10,370,264	218,856	10,151,408	7,402,600	3.2276	23,892,631	0	0	1.0000	0	17,188,484	12,534,169	52,172,708
2067	10,911,950	4,593,659	6,318,292	4,607,418	5.7193	26,351,207	8,213,912	218,856	7,995,056	5,830,147	3.3109	19,303,033	0	0	1.0000	0	14,313,348	10,437,565	45,654,240
2068	21,000,336	4,593,659	16,406,678	11,964,061	5.9355	71,012,664	38,419,158	218,856	38,200,302	27,856,386	3.3963	94,608,465	0	0	1.0000	0	54,606,980	39,820,447	165,211,329
2069	10,911,950	4,593,659	6,318,292	4,607,418	6.1598	28,380,775	8,213,912	218,856	7,995,056	5,830,147	3.4840	20,312,232	0	0	1.0000	0	14,313,348	10,437,565	48,693,066
2070	10,911,950	4,593,659	6,318,292	4,607,418	6.3927	29,453,843	8,213,912	218,856	7,995,056	5,830,147	3.5738	20,835,779	0	0	1.0000	0	14,313,348	10,437,565	50,289,621
2071	10,911,950	4,593,659	6,318,292	4,607,418	6.6343	30,566,995	8,213,912	218,856	7,995,056	5,830,147	3.6660	21,373,318	0	0	1.0000	0	14,313,348	10,437,565	51,940,313
2072	10,937,361	4,593,659	6,343,702	4,625,948	6.8851	31,850,115	8,230,232	218,856	8,011,376	5,842,047	3.7600	21,969,603	0	0	1.0000	0	14,355,078	10,467,995	53,819,718
2073	10,911,950	4,593,659	6,318,292	4,607,418	7.1454	32,921,846	8,213,912												

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AMOUNT TO RECOVER																																					
LABOR										NON-LABOR						PIIC Payment																					
2015	8,932,456	4,939,659	4,338,798	3,163,934	23,4240	74,111,981	7,362,321	218,856	7,143,465	5,209,151	8,7162	45,404,000	0	0	1,0000	0	11,482,263	8,373,084	119,515,981	8,932,456	4,939,659	3,163,934	24,3095	76,913,645	7,362,321	218,856	7,143,465	5,209,151	8,9411	46,575,538	0	0	1,0000	0	11,482,263	8,373,084	123,489,182
2106	8,932,456	4,939,659	4,338,798	3,163,934	25,2284	79,820,983	7,362,321	218,856	7,143,465	5,209,151	9,1718	47,777,289	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>127,508,272</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>25,2284</td> <td>80,420,119</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,4084</td> <td>49,098,508</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>127,508,272</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>25,2284</td> <td>80,420,119</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,4084</td> <td>49,098,508</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>127,508,272</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>25,2284</td> <td>80,420,119</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,4084</td> <td>49,098,508</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td> </td></td></td>	11,482,263	8,373,084	127,508,272	8,932,456	4,939,659	3,163,934	25,2284	80,420,119	7,362,321	218,856	7,143,465	5,209,151	9,4084	49,098,508	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>147,451,434</td>	11,482,263	8,373,084	147,451,434
2107	8,932,456	4,939,659	4,338,798	3,163,934	27,1717	85,969,455	7,362,321	218,856	7,143,465	5,209,151	9,6512	50,274,556	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>136,244,011</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>28,1988</td> <td>89,219,132</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,9002</td> <td>51,571,634</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>136,244,011</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>28,1988</td> <td>89,219,132</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,9002</td> <td>51,571,634</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>136,244,011</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>28,1988</td> <td>89,219,132</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>9,9002</td> <td>51,571,634</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td> </td></td></td>	11,482,263	8,373,084	136,244,011	8,932,456	4,939,659	3,163,934	28,1988	89,219,132	7,362,321	218,856	7,143,465	5,209,151	9,9002	51,571,634	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>140,790,766</td>	11,482,263	8,373,084	140,790,766
2108	8,932,456	4,939,659	4,338,798	3,163,934	29,2647	92,591,569	7,362,321	218,856	7,143,465	5,209,151	10,1556	52,920,051	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>145,493,620</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>30,3709</td> <td>96,534,187</td> <td>7,369,039</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>10,4176</td> <td>54,317,878</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>145,493,620</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>30,3709</td> <td>96,534,187</td> <td>7,369,039</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>10,4176</td> <td>54,317,878</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>145,493,620</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>30,3709</td> <td>96,534,187</td> <td>7,369,039</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>10,4176</td> <td>54,317,878</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td> </td></td></td>	11,482,263	8,373,084	145,493,620	8,932,456	4,939,659	3,163,934	30,3709	96,534,187	7,369,039	218,856	7,150,183	5,214,049	10,4176	54,317,878	0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td> </td>	1,0000	0 <td>11,508,968</td> <td>8,392,558</td> <td>150,852,066</td>	11,508,968	8,392,558	150,852,066
2109	8,932,456	4,939,659	4,338,798	3,163,934	31,5189	99,222,683	7,362,321	218,856	7,143,465	5,209,151	10,6664	55,666,666	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>150,852,066</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>31,5189</td> <td>101,789,567</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>10,9261</td> <td>58,555,579</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>150,852,066</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>31,5189</td> <td>101,789,567</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>10,9261</td> <td>58,555,579</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>150,852,066</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>31,5189</td> <td>101,789,567</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>10,9261</td> <td>58,555,579</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td> </td></td></td>	11,482,263	8,373,084	150,852,066	8,932,456	4,939,659	3,163,934	31,5189	101,789,567	7,362,321	218,856	7,143,465	5,209,151	10,9261	58,555,579	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>156,222,683</td>	11,482,263	8,373,084	156,222,683
2110	8,932,456	4,939,659	4,338,798	3,163,934	33,9799	106,855,797	7,362,321	218,856	7,143,465	5,209,151	11,4499	60,449,449	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>161,789,567</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>33,9799</td> <td>109,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,4511</td> <td>64,859,657</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>161,789,567</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>33,9799</td> <td>109,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,4511</td> <td>64,859,657</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>161,789,567</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>33,9799</td> <td>109,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,4511</td> <td>64,859,657</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td> </td></td></td>	11,482,263	8,373,084	161,789,567	8,932,456	4,939,659	3,163,934	33,9799	109,922,683	7,362,321	218,856	7,143,465	5,209,151	12,4511	64,859,657	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>167,222,683</td>	11,482,263	8,373,084	167,222,683
2111	8,932,456	4,939,659	4,338,798	3,163,934	36,5616	114,578,476	7,362,321	218,856	7,143,465	5,209,151	11,8326	61,637,797	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>173,316,273</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>36,5616</td> <td>117,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,1379</td> <td>63,435,996</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>173,316,273</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>36,5616</td> <td>117,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,1379</td> <td>63,435,996</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>173,316,273</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>36,5616</td> <td>117,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>12,1379</td> <td>63,435,996</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td> </td></td></td>	11,482,263	8,373,084	173,316,273	8,932,456	4,939,659	3,163,934	36,5616	117,678,476	7,362,321	218,856	7,143,465	5,209,151	12,1379	63,435,996	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>184,948,719</td>	11,482,263	8,373,084	184,948,719
2112	8,932,456	4,939,659	4,338,798	3,163,934	39,3779	124,589,062	7,362,321	218,856	7,143,465	5,209,151	12,4511	64,859,657	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>189,448,719</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>39,3779</td> <td>128,924,211</td> <td>7,362,321</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>12,7723</td> <td>66,595,400</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>189,448,719</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>39,3779</td> <td>128,924,211</td> <td>7,362,321</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>12,7723</td> <td>66,595,400</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>189,448,719</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>39,3779</td> <td>128,924,211</td> <td>7,362,321</td> <td>218,856</td> <td>7,150,183</td> <td>5,214,049</td> <td>12,7723</td> <td>66,595,400</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td> </td></td></td>	11,482,263	8,373,084	189,448,719	8,932,456	4,939,659	3,163,934	39,3779	128,924,211	7,362,321	218,856	7,150,183	5,214,049	12,7723	66,595,400	0 <td>0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td> </td>	1,0000	0 <td>11,508,968</td> <td>8,392,558</td> <td>196,489,631</td>	11,508,968	8,392,558	196,489,631
2113	8,932,456	4,939,659	4,338,798	3,163,934	40,8664	130,444,349	7,362,321	218,856	7,143,465	5,209,151	13,1018	68,249,251	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>202,453,473</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>40,8664</td> <td>134,186,222</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>13,4399</td> <td>70,010,465</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>202,453,473</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>40,8664</td> <td>134,186,222</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>13,4399</td> <td>70,010,465</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>202,453,473</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>40,8664</td> <td>134,186,222</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>13,4399</td> <td>70,010,465</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td> </td></td></td>	11,482,263	8,373,084	202,453,473	8,932,456	4,939,659	3,163,934	40,8664	134,186,222	7,362,321	218,856	7,143,465	5,209,151	13,4399	70,010,465	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>209,268,789</td>	11,482,263	8,373,084	209,268,789
2114	8,932,456	4,939,659	4,338,798	3,163,934	42,4112	136,222,683	7,362,321	218,856	7,143,465	5,209,151	13,7866	71,816,477	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>216,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>42,4112</td> <td>140,522,477</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,1423</td> <td>73,738,647</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>216,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>42,4112</td> <td>140,522,477</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,1423</td> <td>73,738,647</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>216,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>42,4112</td> <td>140,522,477</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,1423</td> <td>73,738,647</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td> </td></td></td>	11,482,263	8,373,084	216,338,954	8,932,456	4,939,659	3,163,934	42,4112	140,522,477	7,362,321	218,856	7,143,465	5,209,151	14,1423	73,738,647	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>224,414,926</td>	11,482,263	8,373,084	224,414,926
2115	8,932,456	4,939,659	4,338,798	3,163,934	44,0143	141,578,476	7,362,321	218,856	7,143,465	5,209,151	14,5072	75,570,191	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>221,224,969</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>44,0143</td> <td>145,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,8815</td> <td>77,519,977</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>221,224,969</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>44,0143</td> <td>145,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,8815</td> <td>77,519,977</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>221,224,969</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>44,0143</td> <td>145,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>14,8815</td> <td>77,519,977</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td> </td></td></td>	11,482,263	8,373,084	221,224,969	8,932,456	4,939,659	3,163,934	44,0143	145,654,777	7,362,321	218,856	7,143,465	5,209,151	14,8815	77,519,977	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>228,922,504</td>	11,482,263	8,373,084	228,922,504
2116	8,932,456	4,939,659	4,338,798	3,163,934	45,6781	148,522,477	7,362,321	218,856	7,143,465	5,209,151	15,4399	80,049,233	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>232,528,152</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>45,6781</td> <td>152,722,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,0928</td> <td>82,615,783</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>232,528,152</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>45,6781</td> <td>152,722,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,0928</td> <td>82,615,783</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>232,528,152</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>45,6781</td> <td>152,722,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,0928</td> <td>82,615,783</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td> </td></td></td>	11,482,263	8,373,084	232,528,152	8,932,456	4,939,659	3,163,934	45,6781	152,722,683	7,362,321	218,856	7,143,465	5,209,151	16,0928	82,615,783	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>240,922,683</td>	11,482,263	8,373,084	240,922,683
2117	8,932,456	4,939,659	4,338,798	3,163,934	47,4047	156,076,278	7,362,321	218,856	7,143,465	5,209,151	16,0928	84,849,233	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>238,922,683</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>47,4047</td> <td>159,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,8326</td> <td>87,678,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>238,922,683</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>47,4047</td> <td>159,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,8326</td> <td>87,678,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>238,922,683</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>47,4047</td> <td>159,654,777</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>16,8326</td> <td>87,678,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td> </td></td></td>	11,482,263	8,373,084	238,922,683	8,932,456	4,939,659	3,163,934	47,4047	159,654,777	7,362,321	218,856	7,143,465	5,209,151	16,8326	87,678,476	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>247,414,926</td>	11,482,263	8,373,084	247,414,926
2118	8,932,456	4,939,659	4,338,798	3,163,934	49,1966	164,855,797	7,362,321	218,856	7,143,465	5,209,151	17,7863	92,651,518	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>246,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>49,1966</td> <td>173,316,273</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>18,4815</td> <td>100,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>246,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>49,1966</td> <td>173,316,273</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>18,4815</td> <td>100,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>246,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>49,1966</td> <td>173,316,273</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>18,4815</td> <td>100,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td> </td></td></td>	11,482,263	8,373,084	246,338,954	8,932,456	4,939,659	3,163,934	49,1966	173,316,273	7,362,321	218,856	7,143,465	5,209,151	18,4815	100,102,965	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>255,922,683</td>	11,482,263	8,373,084	255,922,683
2119	8,932,456	4,939,659	4,338,798	3,163,934	51,0562	173,316,273	7,362,321	218,856	7,143,465	5,209,151	18,2451	101,102,965	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>254,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>51,0562</td> <td>177,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>19,1987</td> <td>104,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>254,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>51,0562</td> <td>177,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>19,1987</td> <td>104,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>254,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>51,0562</td> <td>177,678,476</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>19,1987</td> <td>104,102,965</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td> </td></td></td>	11,482,263	8,373,084	254,414,926	8,932,456	4,939,659	3,163,934	51,0562	177,678,476	7,362,321	218,856	7,143,465	5,209,151	19,1987	104,102,965	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>264,922,683</td>	11,482,263	8,373,084	264,922,683
2120	8,932,456	4,939,659	4,338,798	3,163,934	52,9861	182,321,222	7,362,321	218,856	7,143,465	5,209,151	19,1987	108,102,965	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>263,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>52,9861</td> <td>186,222,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,0143</td> <td>107,951,314</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>263,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>52,9861</td> <td>186,222,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,0143</td> <td>107,951,314</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>263,338,954</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>52,9861</td> <td>186,222,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,0143</td> <td>107,951,314</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td> </td></td></td>	11,482,263	8,373,084	263,338,954	8,932,456	4,939,659	3,163,934	52,9861	186,222,683	7,362,321	218,856	7,143,465	5,209,151	20,0143	107,951,314	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>274,922,683</td>	11,482,263	8,373,084	274,922,683
2121	8,932,456	4,939,659	4,338,798	3,163,934	54,9890	191,789,567	7,362,321	218,856	7,143,465	5,209,151	20,0143	116,224,014	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>272,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>54,9890</td> <td>199,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,9261</td> <td>115,578,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>272,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>54,9890</td> <td>199,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,9261</td> <td>115,578,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>272,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>54,9890</td> <td>199,922,683</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>20,9261</td> <td>115,578,476</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td> </td></td></td>	11,482,263	8,373,084	272,414,926	8,932,456	4,939,659	3,163,934	54,9890	199,922,683	7,362,321	218,856	7,143,465	5,209,151	20,9261	115,578,476	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>284,922,683</td>	11,482,263	8,373,084	284,922,683
2122	8,932,456	4,939,659	4,338,798	3,163,934	57,0224	201,444,349	7,362,321	218,856	7,143,465	5,209,151	21,8665	125,277,549	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>281,224,014</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>57,0224</td> <td>210,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>22,8691</td> <td>125,277,549</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>281,224,014</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>57,0224</td> <td>210,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>22,8691</td> <td>125,277,549</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>281,224,014</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>57,0224</td> <td>210,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>22,8691</td> <td>125,277,549</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td> </td></td></td>	11,482,263	8,373,084	281,224,014	8,932,456	4,939,659	3,163,934	57,0224	210,444,349	7,362,321	218,856	7,143,465	5,209,151	22,8691	125,277,549	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>293,922,683</td>	11,482,263	8,373,084	293,922,683
2123	8,932,456	4,939,659	4,338,798	3,163,934	59,1224	211,222,683	7,362,321	218,856	7,143,465	5,209,151	22,8691	134,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>290,268,789</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>59,1224</td> <td>220,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>23,9261</td> <td>134,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>290,268,789</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>59,1224</td> <td>220,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>23,9261</td> <td>134,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>290,268,789</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>59,1224</td> <td>220,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>23,9261</td> <td>134,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td> </td></td></td>	11,482,263	8,373,084	290,268,789	8,932,456	4,939,659	3,163,934	59,1224	220,444,349	7,362,321	218,856	7,143,465	5,209,151	23,9261	134,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>306,922,683</td>	11,482,263	8,373,084	306,922,683
2124	8,932,456	4,939,659	4,338,798	3,163,934	61,2709	221,222,683	7,362,321	218,856	7,143,465	5,209,151	23,9261	144,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>305,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>61,2709</td> <td>230,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,0143</td> <td>144,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>305,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>61,2709</td> <td>230,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,0143</td> <td>144,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>305,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>61,2709</td> <td>230,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,0143</td> <td>144,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td> </td></td></td>	11,482,263	8,373,084	305,414,926	8,932,456	4,939,659	3,163,934	61,2709	230,444,349	7,362,321	218,856	7,143,465	5,209,151	25,0143	144,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>318,922,683</td>	11,482,263	8,373,084	318,922,683
2125	8,932,456	4,939,659	4,338,798	3,163,934	63,3779	231,222,683	7,362,321	218,856	7,143,465	5,209,151	24,1557	154,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>314,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>63,3779</td> <td>240,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,2451</td> <td>154,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>314,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>63,3779</td> <td>240,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,2451</td> <td>154,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>314,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>63,3779</td> <td>240,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>25,2451</td> <td>154,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td> </td></td></td>	11,482,263	8,373,084	314,414,926	8,932,456	4,939,659	3,163,934	63,3779	240,444,349	7,362,321	218,856	7,143,465	5,209,151	25,2451	154,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>332,922,683</td>	11,482,263	8,373,084	332,922,683
2126	8,932,456	4,939,659	4,338,798	3,163,934	65,4912	241,222,683	7,362,321	218,856	7,143,465	5,209,151	25,2451	164,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>323,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>65,4912</td> <td>250,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>26,3326</td> <td>164,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td> </td></td></td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>323,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>65,4912</td> <td>250,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>26,3326</td> <td>164,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td> </td></td></td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>323,414,926</td> <td>8,932,456</td> <td>4,939,659</td> <td>3,163,934</td> <td>65,4912</td> <td>250,444,349</td> <td>7,362,321</td> <td>218,856</td> <td>7,143,465</td> <td>5,209,151</td> <td>26,3326</td> <td>164,331,497</td> <td>0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td> </td></td></td>	11,482,263	8,373,084	323,414,926	8,932,456	4,939,659	3,163,934	65,4912	250,444,349	7,362,321	218,856	7,143,465	5,209,151	26,3326	164,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td> </td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td> </td>	1,0000	0 <td>11,482,263</td> <td>8,373,084</td> <td>342,922,683</td>	11,482,263	8,373,084	342,922,683
2127	8,932,456	4,939,659	4,338,798	3,163,934	67,6224	251,222,683	7,362,321	218,856	7,143,465	5,209,151	26,4399	174,331,497	0 <td>0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,</td></td></td>	0 <td>1,0000</td> <td>0 <td>11,482,263</td> <td>8,373,</td></td>	1,0000	0 <td>11,482,263</td> <td>8,373,</td>	11,482,263	8,373,																			

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PHIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$	
	Cost Estimate Nominal \$	DOE		Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	DOE		Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate Nominal \$	PHIC Payment					
		Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$					Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$					Jurisdictional Cost in Nominal \$	Jurisdictional Cost in Future \$				
2182	8,932,456	4,593,659	4,338,798	3,163,934	407.688	1,290,153,420	7,362,321	218,856	7,143,465	5,209,151	61.9664	322,792,318	0	0	1.0000	0	11,482,263	8,373,084	1,612,945,738
2183	8,932,456	4,593,659	4,338,798	3,163,934	423.1824	1,338,921,027	7,362,321	218,856	7,143,465	5,209,151	63.5652	331,120,708	0	0	1.0000	0	11,482,263	8,373,084	1,670,041,735
2184	34,109,883	4,593,659	29,516,225	21,523,792	439.1787	9,452,790,904	82,841,356	218,856	82,622,500	60,249,897	65.2052	3,928,606,567	0	0	1.0000	0	112,138,725	81,773,689	13,381,397,471
2185	8,932,456	4,593,659	4,338,798	3,163,934	455.7797	1,442,056,721	7,362,321	218,856	7,143,465	5,209,151	66.8874	348,426,548	0	0	1.0000	0	11,482,263	8,373,084	1,790,483,270
2186	8,932,456	4,593,659	4,338,798	3,163,934	473.0081	1,496,566,235	7,362,321	218,856	7,143,465	5,209,151	68.6131	357,415,980	0	0	1.0000	0	11,482,263	8,373,084	1,853,982,215
2187	8,932,456	4,593,659	4,338,798	3,163,934	490.8878	1,553,136,420	7,362,321	218,856	7,143,465	5,209,151	70.3834	366,637,739	0	0	1.0000	0	11,482,263	8,373,084	1,919,774,159
2188	8,932,456	4,593,659	4,338,798	3,163,934	509.4434	1,619,270,570	7,362,321	218,856	7,143,465	5,209,151	72.1993	376,450,698	0	0	1.0000	0	11,482,263	8,373,084	1,995,721,269
2189	8,932,456	4,593,659	4,338,798	3,163,934	528.7004	1,672,772,976	7,362,321	218,856	7,143,465	5,209,151	74.0620	385,890,121	0	0	1.0000	0	11,482,263	8,373,084	2,058,573,998
2190	8,932,456	4,593,659	4,338,798	3,163,934	548.6852	1,736,003,557	7,362,321	218,856	7,143,465	5,209,151	75.9728	395,753,766	0	0	1.0000	0	11,482,263	8,373,084	2,131,757,324
2191	8,932,456	4,593,659	4,338,798	3,163,934	569.4255	1,801,624,490	7,362,321	218,856	7,143,465	5,209,151	77.9329	405,964,223	0	0	1.0000	0	11,482,263	8,373,084	2,207,588,713
2192	9,672,344	4,593,659	5,078,686	3,703,474	590.9498	2,188,567,237	9,528,739	218,856	9,309,883	79,9436	542,732,577	0	0	1.0000	0	14,388,568	10,492,417	2,731,299,814	
2193	10,192,281	4,593,659	5,598,623	4,082,622	613.2877	2,503,821,831	11,141,796	218,856	10,922,940	79,652,216	82.0061	653,196,276	0	0	1.0000	0	16,251,563	12,047,838	3,157,018,106
2194	9,112,431	4,593,659	4,518,773	3,295,175	636.4700	2,097,279,918	7,902,246	218,856	7,683,390	5,602,874	84.1219	471,324,431	0	0	1.0000	0	12,202,163	8,898,049	2,568,604,349
2195	10,012,306	4,593,659	5,418,648	3,951,381	660.5286	2,610,000,007	10,601,871	218,856	10,383,015	7,571,492	86.2922	653,360,714	0	0	1.0000	0	15,801,663	11,522,873	3,263,360,721
2196	10,392,244	4,593,659	5,798,586	4,228,439	685.4966	2,898,580,413	11,688,439	218,856	11,469,583	8,363,838	88.5185	740,354,367	0	0	1.0000	0	17,268,168	12,952,276	3,638,934,779
2197	7,295,626	4,593,659	2,701,967	1,970,326	711.4083	1,401,706,044	2,451,830	218,856	2,232,974	1,628,327	90.8023	147,855,826	0	0	1.0000	0	4,934,941	3,598,653	1,549,561,870
2198	7,295,626	4,593,659	2,701,967	1,970,326	738.2996	1,454,690,623	2,451,830	218,856	2,232,974	1,628,327	93.1450	151,670,507	0	0	1.0000	0	4,934,941	3,598,653	1,606,361,170
2199	7,295,626	4,593,659	2,701,967	1,970,326	766.2073	1,509,677,921	2,451,830	218,856	2,232,974	1,628,327	95.5482	155,583,702	0	0	1.0000	0	4,934,941	3,598,653	1,665,261,623
2200	7,295,626	4,593,659	2,701,967	1,970,326	795.1699	1,566,743,675	2,451,830	218,856	2,232,974	1,628,327	98.0133	159,597,691	0	0	1.0000	0	4,934,941	3,598,653	1,726,341,366
2201	7,295,626	4,593,659	2,701,967	1,970,326	825.2273	1,625,966,542	2,451,830	218,856	2,232,974	1,628,327	100.5421	163,715,404	0	0	1.0000	0	4,934,941	3,598,653	1,789,681,946
2202	7,295,626	4,593,659	2,701,967	1,970,326	856.4209	1,687,428,094	2,451,830	218,856	2,232,974	1,628,327	103.1360	167,939,121	0	0	1.0000	0	4,934,941	3,598,653	1,853,567,215
2203	7,295,626	4,593,659	2,701,967	1,970,326	888.7937	1,751,213,053	2,451,830	218,856	2,232,974	1,628,327	105.7969	172,271,936	0	0	1.0000	0	4,934,941	3,598,653	1,923,484,989
2204	7,315,614	4,593,659	2,721,955	1,984,901	922.3901	1,830,853,329	2,458,547	218,856	2,239,691	1,633,225	108.5265	177,248,225	0	0	1.0000	0	4,934,941	3,618,127	2,008,101,554
2205	7,295,626	4,593,659	2,701,967	1,970,326	957.2564	1,886,106,689	2,451,830	218,856	2,232,974	1,628,327	111.3265	181,275,932	0	0	1.0000	0	4,934,941	3,598,653	2,067,382,801
2206	7,295,626	4,593,659	2,701,967	1,970,326	993.4407	1,957,401,724	2,451,830	218,856	2,232,974	1,628,327	114.1987	185,952,813	0	0	1.0000	0	4,934,941	3,598,653	2,143,354,537
2207	7,295,626	4,593,659	2,701,967	1,970,326	1,030.9927	2,031,391,395	2,451,830	218,856	2,232,974	1,628,327	117.1450	190,750,352	0	0	1.0000	0	4,934,941	3,598,653	2,222,141,747
2208	15,222,939	4,593,659	10,629,281	7,751,073	1,069.9643	8,293,371,881	26,180,524	218,856	25,961,668	18,931,742	120.1674	2,274,978,176	0	0	1.0000	0	36,590,949	26,862,815	10,568,350,557
2209	7,295,626	4,593,659	2,701,967	1,970,326	1,110.4089	2,187,867,173	2,451,830	218,856	2,232,974	1,628,327	123.2677	200,720,109	0	0	1.0000	0	4,934,941	3,598,653	2,388,587,282
2210	7,295,626	4,593,659	2,701,967	1,970,326	1,152.3824	2,270,568,638	2,451,830	218,856	2,232,974	1,628,327	126.4480	205,898,677	0	0	1.0000	0	4,934,941	3,598,653	2,476,467,315
2211	7,295,626	4,593,659	2,701,967	1,970,326	1,195.9424	2,356,396,025	2,451,830	218,856	2,232,974	1,628,327	129.7104	211,210,931	0	0	1.0000	0	4,934,941	3,598,653	2,567,609,955
2212	7,315,614	4,593,659	2,721,955	1,984,901	1,241.1491	2,463,538,490	2,458,547	218,856	2,239,691	1,633,225	133.0569	217,311,894	0	0	1.0000	0	4,934,941	3,618,127	2,680,870,384
2213	10,889,546	4,593,659	6,295,887	4,591,080	1,288.0645	5,913,607,389	13,233,589	218,856	13,014,733	9,490,591	136.4898	1,295,368,843	0	0	1.0000	0	19,310,620	14,081,671	7,208,976,432
2214	7,295,626	4,593,659	2,701,967	1,970,326	1,336.7533	2,633,839,357	2,451,830	218,856	2,232,974	1,628,327	140.0112	227,984,000	0	0	1.0000	0	4,934,941	3,598,653	2,861,823,358
2215	7,295,626	4,593,659	2,701,967	1,970,326	1,387.2826	2,733,398,535	2,451,830	218,856	2,232,974	1,628,327	143.6235	233,866,006	0	0	1.0000	0	4,934,941	3,598,653	2,967,264,540
2216	8,034,398	4,593,659	3,440,739	2,509,052	1,439.7219	3,612,337,475	4,614,899	218,856	4,396,043	3,205,678	147.3290	472,289,340	0	0	1.0000	0	7,836,282	5,714,730	4,084,626,821
2217	7,295,626	4,593,659	2,701,967	1,970,326	1,494.1434	2,943,949,113	2,451,830	218,856	2,232,974	1,628,327	151.1301	246,089,204	0	0	1.0000	0	4,934,941	3,598,653	3,190,038,317
2218	17,877,539	4,593,659	13,283,880	9,686,858	1,550.6220	15,020,654,784	34,197,569	218,856	33,978,713	24,777,923	155.0292	3,841,301,607	0	0	1.0000	0	47,262,593	34,464,781	18,861,956,392
2219	7,918,351	4,593,659	3,324,692	2,424,429	1,609.2355	3,901,476,544	4,320,005	218,856	4,101,149	2,990,636	159.0290	475,597,786	0	0	1.0000	0	7,425,841	5,415,064	4,377,074,330
2220	7,834,551	4,593,659	3,240,893	2,363,320	1,670.0646	3,946,897,751	4,315,360	218,856	3,796,504	2,768,483	163.1319	451,627,818	0	0	1.0000	0	7,037,396	5,131,803	4,398,525,569
2221	7,814,563	4,593,659	3,220,905	2,348,745	1,733.1930	4,070,827,988	4,008,642	218,856	3,789,786	2,763,584	167.3407	462,460,103	0	0	1.0000	0	7,010,691	5,112,329	4,533,288,092
2222	7,814,563	4,593,659	3,220,905	2,348,745	1,798.7077	4,224,705,297	4,008,642	218,856	3,789,786	2,763,584	171.6581	474,391,602	0	0	1.0000	0	7,010,691	5,112,329	4,699,096,899
2223	7,918,351	4,593,659	3,324,692	2,424,429	1,866.6989	4,525,678,170	4,320,005	218,856	4,101,149	2,990,636	176.0869	526,611,749	0	0	1.0000	0	7,425,841	5,415,064	5,052,289,919
2224	7,834,551	4,593,659	3,240,893	2,363,320	1,937.2601	4,578,366,328	4,015,360	218,856	3,796,504	2,768,483	180.6299	500,070,726	0	0	1.0000	0	7,037,396	5,131,803	5,078,437,054
2225	7,814,563	4,593,659	3,220,905	2,348,745	2,010.4885	4,722,124,343	4,008,642	218,856	3,789,786	2,763,584	185.2902	512,065,057	0	0	1.0000	0	7,010,691	5,112,329	5,234,189,399
2226	7,814,563	4,593,659	3,220,905	2,348,745	2,086.4850	4,900,620,724	4,008,642	218,856	3,789,786	2,763,584	190.0707	525,276,371	0	0	1.0000				

Xcel Energy  
 Nuclear Decommissioning Accrual  
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Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PIIC Payment			Total Cost Estimate	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$			
	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Escalation Factor	Jurisdictional Cost in Future \$						
<b>Prairie Island Unit 1</b>																			
<i>Factor</i>	<i>2020</i>		<i>72.9219%</i>	<i>3.78%</i>												<i>0.00%</i>			
2033	\$19,544,542	\$0	\$19,544,542	\$14,252,251	1.6109	\$23,087,222	\$3,681,838	\$0	\$3,681,838	\$2,684,866	1.3926	\$3,738,945	\$1,250,000	\$911,524	1.0000	\$911,524	\$24,476,380	\$17,848,641	\$27,737,690
2034	48,889,567	-	48,889,567	\$35,651,201	1.6811	59,933,234	29,577,844	-	29,577,844	21,568,726	1.4285	30,810,925	1,250,000	911,524	1.0000	911,524	79,717,411	58,131,451	91,655,683
2035	15,648,396	-	15,648,396	\$11,411,108	1.7446	19,907,819	16,304,248	-	16,304,248	11,889,368	1.4653	17,421,490	1,250,000	911,524	1.0000	911,524	33,202,645	24,211,999	38,240,833
2036	11,693,506	-	11,693,506	\$8,527,127	1.8106	15,439,216	14,666,218	-	14,666,218	10,694,885	1.5032	16,076,521	1,250,000	911,524	1.0000	911,524	27,609,724	20,133,535	32,427,290
2037	16,619,039	-	16,619,039	\$12,118,919	1.8790	22,771,449	29,488,823	-	29,488,823	21,503,810	1.5419	33,156,724	1,250,000	911,524	1.0000	911,524	47,357,862	34,534,253	56,839,697
2038	23,865,956	-	23,865,956	\$17,403,509	1.9501	33,938,583	52,739,446	-	52,739,446	38,458,606	1.5817	60,829,977	1,250,000	911,524	1.0000	911,524	77,855,402	56,773,639	95,680,083
2039	4,978,647	-	4,978,647	\$3,630,524	2.0238	7,347,454	3,178,618	-	3,178,618	2,317,909	1.6225	3,760,807	1,250,000	911,524	1.0000	911,524	9,407,265	6,859,956	12,019,785
2040	4,992,286	-	4,992,286	\$3,640,470	2.1003	7,646,079	3,197,124	-	3,197,124	2,331,404	1.6644	3,880,389	1,250,000	911,524	1.0000	911,524	9,439,411	6,885,398	12,437,991
2041	4,978,647	2,315,817	2,662,829	\$1,941,786	2.1797	4,232,310	3,178,618	109,428	3,069,190	2,238,112	1.7073	3,821,128	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	8,965,162
2042	4,978,647	2,315,817	2,662,829	\$1,941,786	2.2620	4,392,319	3,178,618	109,428	3,069,190	2,238,112	1.7514	3,919,829	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	9,223,672
2043	4,978,647	2,315,817	2,662,829	\$1,941,786	2.3475	4,538,342	3,178,618	109,428	3,069,190	2,238,112	1.7966	4,020,922	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	9,490,857
2044	4,992,286	2,315,817	2,676,469	\$1,951,732	2.4363	4,755,004	3,197,124	109,428	3,087,696	2,251,607	1.8429	4,149,486	1,250,000	911,524	1.0000	911,524	7,014,165	5,114,863	9,816,015
2045	6,492,785	2,315,817	4,176,967	\$3,045,924	2.5284	7,701,314	3,721,032	109,428	3,091,603	5,550,526	1.8905	10,493,209	1,250,000	911,524	1.0000	911,524	13,038,751	9,507,973	19,106,107
2046	5,988,072	2,315,817	3,672,254	\$2,677,878	2.6239	7,026,483	6,206,894	109,428	6,097,466	4,446,388	1.9392	8,622,435	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	16,504,442
2047	5,988,072	2,315,817	3,672,254	\$2,677,878	2.7231	7,292,129	6,206,894	109,428	6,097,466	4,446,388	1.9893	8,845,199	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	17,048,852
2048	4,992,286	2,315,817	2,676,469	\$1,951,732	2.8261	5,515,790	3,197,124	109,428	3,087,696	2,251,607	2.0406	4,594,629	1,250,000	911,524	1.0000	911,524	7,014,165	5,114,863	11,021,942
2049	5,988,072	2,315,817	3,672,254	\$2,677,878	2.9329	7,853,948	6,206,894	109,428	6,097,466	4,446,388	2.0932	9,307,179	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	18,072,650
2050	6,492,785	2,315,817	4,176,967	\$3,045,924	3.0438	9,271,183	7,721,032	109,428	7,611,603	5,550,526	2.1472	11,918,089	1,250,000	911,524	1.0000	911,524	13,038,751	9,507,973	22,100,796
2051	6,438,009	2,315,817	4,122,192	\$3,005,981	3.1588	9,495,292	7,556,706	109,428	7,447,278	5,430,697	2.2026	11,961,652	1,250,000	911,524	1.0000	911,524	12,819,420	9,348,201	22,368,468
2052	6,506,424	2,315,817	4,190,607	\$3,055,870	3.2782	10,017,753	7,739,538	109,428	7,630,110	5,564,021	2.2595	12,571,905	1,250,000	911,524	1.0000	911,524	13,070,716	9,531,415	23,501,182
2053	4,978,647	2,315,817	2,662,829	\$1,941,786	3.4021	6,606,149	3,178,618	109,428	3,069,190	2,238,112	2.3178	5,187,496	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	12,705,169
2054	4,978,647	2,315,817	2,662,829	\$1,941,786	3.5307	6,855,863	3,178,618	109,428	3,069,190	2,238,112	2.3776	5,321,335	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	13,088,721
2055	6,492,785	2,315,817	4,176,967	\$3,045,924	3.6642	11,160,874	7,721,032	109,428	7,611,603	5,550,526	2.4389	13,537,178	1,250,000	911,524	1.0000	911,524	13,038,751	9,507,973	25,609,575
2056	6,001,712	2,315,817	3,685,894	\$2,687,824	3.8027	10,220,988	6,225,400	109,428	6,115,972	4,459,883	2.5018	11,157,735	1,250,000	911,524	1.0000	911,524	11,051,866	8,059,230	22,290,247
2057	5,988,072	2,315,817	3,672,254	\$2,677,878	3.9464	10,567,977	6,206,894	109,428	6,097,466	4,446,388	2.5664	11,411,210	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	22,907,710
2058	4,978,647	2,315,817	2,662,829	\$1,941,786	4.0956	7,952,777	3,178,618	109,428	3,069,190	2,238,112	2.6326	5,892,053	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	14,756,355
2059	5,933,297	2,315,817	3,617,479	\$2,637,935	4.2504	11,212,278	6,042,568	109,428	5,933,140	4,326,559	2.7005	11,633,871	1,250,000	911,524	1.0000	911,524	10,800,619	7,867,017	23,807,673
2060	6,001,712	2,315,817	3,685,894	\$2,687,824	4.4111	11,856,260	6,225,400	109,428	6,115,972	4,459,883	2.7702	12,354,767	1,250,000	911,524	1.0000	911,524	10,800,619	7,867,017	25,122,551
2061	5,988,072	2,315,817	3,672,254	\$2,677,878	4.5778	12,258,789	6,206,894	109,428	6,097,466	4,446,388	2.8416	12,634,855	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	25,805,168
2062	4,978,647	2,315,817	2,662,829	\$1,941,786	4.7509	9,225,229	3,178,618	109,428	3,069,190	2,238,112	2.9150	6,524,096	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	16,660,849
2063	8,006,922	2,315,817	5,691,105	\$4,150,062	4.9305	20,461,880	12,263,445	109,428	12,154,017	8,862,940	2.9902	26,501,964	1,250,000	911,524	1.0000	911,524	19,995,122	13,924,526	47,875,368
2064	6,056,362	2,315,817	4,640,544	\$3,383,973	5.1168	16,420,334	9,089,350	109,428	8,979,922	6,548,330	3.0673	10,085,692	1,250,000	911,524	1.0000	911,524	14,870,426	10,843,827	38,312,329
2065	5,988,072	2,315,817	3,672,254	\$2,677,878	5.3103	14,220,334	6,206,894	109,428	6,097,466	4,446,388	3.1465	13,990,559	1,250,000	911,524	1.0000	911,524	11,019,720	8,035,789	29,122,417
2066	4,978,647	2,315,817	2,662,829	\$1,941,786	5.5110	10,701,181	3,178,618	109,428	3,069,190	2,238,112	3.2276	7,223,730	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	18,836,435
2067	4,978,647	2,315,817	2,662,829	\$1,941,786	5.7193	11,105,625	3,178,618	109,428	3,069,190	2,238,112	3.3109	7,410,165	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	19,387,343
2068	7,011,137	2,315,817	4,695,319	\$3,423,916	5.9353	20,322,654	9,253,675	109,428	9,144,247	6,668,159	3.3963	22,647,068	1,250,000	911,524	1.0000	911,524	15,085,567	11,003,599	43,881,246
2069	6,492,785	2,315,817	4,176,967	\$3,045,924	6.1598	18,762,281	7,721,032	109,428	7,611,603	5,550,526	3.4840	19,338,032	1,250,000	911,524	1.0000	911,524	13,038,751	9,507,973	39,011,837
2070	4,978,647	2,315,817	2,662,829	\$1,941,786	6.3927	12,413,253	3,178,618	109,428	3,069,190	2,238,112	3.5738	7,998,564	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	21,323,341
2071	4,978,647	2,315,817	2,662,829	\$1,941,786	6.6343	12,882,389	3,178,618	109,428	3,069,190	2,238,112	3.6660	8,204,918	1,250,000	911,524	1.0000	911,524	6,982,020	5,091,421	21,998,831
2072	7,461,074	2,315,817	5,145,257	\$3,752,019	6.8851	25,833,027	10,603,488	109,428	10,494,060	7,652,468	3.7606	28,777,871	1,250,000	911,524	1.0000	911,524	16,889,317	12,316,011	55,224,421
2073	4,978,647	2,315,817	2,662,829	\$1,941,786	7.1454	13,874,835													

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

AMOUNT TO RECOVER

	LABOR										NON-LABOR										PIIC Payment			Total Cost Estimate	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$
	DOE		Adjusted Estimate	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	DOE		Adjusted Estimate	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	Cost Estimate	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$										
	Cost Estimate	Reimbursement Estimate					Cost Estimate	Reimbursement Estimate																		
2108	3,681,119	2,315,817	1,365,301	\$995,604	26.1820	26,066,894	2,142,238	109,428	2,032,810	1,482,364	9.4084	13,946,669	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	40,925,086							
2109	4,683,544	2,315,817	2,367,727	\$1,726,591	27.1717	46,914,420	5,170,419	109,428	5,060,991	3,690,571	9.6512	35,618,435	1,250,000	911,524	1,0000	911,524	8,768,717	6,328,686	83,444,379							
2110	4,683,544	2,315,817	2,367,727	\$1,726,591	28.1988	48,687,802	5,170,419	109,428	5,060,991	3,690,571	9.9002	36,537,387	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,686	86,136,713							
2111	4,683,544	2,315,817	2,367,727	\$1,726,591	29.2647	50,528,176	5,170,419	109,428	5,060,991	3,690,571	10.1556	37,479,959	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,686	88,919,658							
2112	3,681,119	2,315,817	1,365,301	\$995,604	30.3709	30,237,378	2,142,238	109,428	2,032,810	1,482,364	10.4176	15,442,670	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	46,591,572							
2113	6,708,510	2,315,817	4,392,693	\$2,035,235	31.5189	100,962,448	11,245,317	109,428	11,135,889	8,120,582	10.6864	86,778,934	1,250,000	911,524	1,0000	911,524	16,778,582	12,235,261	188,652,906							
2114	5,696,027	2,315,817	3,380,210	\$2,464,913	32.7103	80,628,050	8,207,868	109,428	8,098,440	5,905,536	10.9621	64,737,080	1,250,000	911,524	1,0000	911,524	12,278,650	9,281,973	146,276,654							
2115	5,043,287	2,315,817	2,727,470	\$1,988,923	33.9468	67,517,561	6,249,648	109,428	6,140,220	4,477,565	11.2449	50,349,769	1,250,000	911,524	1,0000	911,524	10,117,689	7,378,011	118,778,854							
2116	3,681,119	2,315,817	1,365,301	\$995,604	35.2299	35,075,016	2,142,238	109,428	2,032,810	1,482,364	11.5350	17,099,063	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	53,085,603							
2117	3,671,061	2,315,817	1,355,244	\$988,269	36.5616	36,132,708	2,132,969	109,428	2,023,541	1,475,605	11.8326	17,460,242	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	54,504,474							
2118	5,696,027	2,315,817	3,380,210	\$2,464,913	37.9437	93,527,927	8,207,868	109,428	8,098,440	5,905,536	12.1379	71,680,810	1,250,000	911,524	1,0000	911,524	12,278,650	9,281,973	161,120,261							
2119	5,189,786	2,315,817	2,873,968	\$2,095,752	39.3779	82,526,322	6,689,143	109,428	6,579,715	4,798,053	12.4511	59,741,444	1,250,000	911,524	1,0000	911,524	10,703,684	7,805,329	143,778,890							
2120	3,681,119	2,315,817	1,365,301	\$995,604	40.8664	40,686,735	2,142,238	109,428	2,032,810	1,482,364	12.7723	18,933,192	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	60,531,451							
2121	3,671,061	2,315,817	1,355,244	\$988,269	42.4112	41,913,689	2,132,969	109,428	2,023,541	1,475,605	13.1018	19,333,079	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	62,588,292							
2122	6,202,269	2,315,817	3,886,451	\$2,834,074	44.0143	124,739,790	9,726,593	109,428	9,617,165	7,013,019	13.4399	94,254,278	1,250,000	911,524	1,0000	911,524	14,753,616	10,758,617	219,955,592							
2123	3,671,061	2,315,817	1,355,244	\$988,269	45.6781	45,142,266	2,132,969	109,428	2,023,541	1,475,605	13.7866	20,343,573	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	66,397,363							
2124	3,681,119	2,315,817	1,365,301	\$995,604	47.4047	47,196,290	2,142,238	109,428	2,032,810	1,482,364	14.1423	20,964,030	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	69,071,844							
2125	6,202,269	2,315,817	3,886,451	\$2,834,074	49.1966	139,426,813	9,726,593	109,428	9,617,165	7,013,019	14.5072	101,739,273	1,250,000	911,524	1,0000	911,524	14,753,616	10,758,617	242,077,610							
2126	3,671,061	2,315,817	1,355,244	\$988,269	51.0562	50,457,277	2,132,969	109,428	2,023,541	1,475,605	14.8815	21,959,213	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	73,328,014							
2127	3,671,061	2,315,817	1,355,244	\$988,269	52.9861	52,364,538	2,132,969	109,428	2,023,541	1,475,605	15.2654	22,525,698	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	75,801,760							
2128	6,212,326	2,315,817	3,896,509	\$2,841,408	54.9890	156,246,208	9,735,861	109,428	9,626,433	7,019,778	15.6593	109,924,809	1,250,000	911,524	1,0000	911,524	14,772,942	10,772,710	267,082,541							
2129	3,671,061	2,315,817	1,355,244	\$988,269	57.0676	56,398,160	2,132,969	109,428	2,023,541	1,475,605	16.0633	23,703,083	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	81,012,766							
2130	3,671,061	2,315,817	1,355,244	\$988,269	59.2248	58,530,054	2,132,969	109,428	2,023,541	1,475,605	16.4777	24,314,574	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	83,756,151							
2131	3,671,061	2,315,817	1,355,244	\$988,269	61.4635	60,742,493	2,132,969	109,428	2,023,541	1,475,605	16.9028	24,941,853	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	86,595,870							
2132	6,212,326	2,315,817	3,896,509	\$2,841,408	63.7841	181,780,351	9,735,861	109,428	9,626,433	7,019,778	17.3389	121,715,228	1,250,000	911,524	1,0000	911,524	14,772,942	10,772,710	303,871,103							
2133	3,671,061	2,315,817	1,355,244	\$988,269	66.1979	65,421,355	2,132,969	109,428	2,023,541	1,475,605	17.7863	26,245,550	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	92,578,429							
2134	3,671,061	2,315,817	1,355,244	\$988,269	68.7002	67,894,301	2,132,969	109,428	2,023,541	1,475,605	18.2451	26,922,557	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	95,728,383							
2135	3,671,061	2,315,817	1,355,244	\$988,269	71.2971	70,460,738	2,132,969	109,428	2,023,541	1,475,605	18.7159	27,617,272	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	98,989,534							
2136	3,681,119	2,315,817	1,365,301	\$995,604	73.9921	73,666,802	2,142,238	109,428	2,032,810	1,482,364	19.1987	28,459,452	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	103,037,778							
2137	3,671,061	2,315,817	1,355,244	\$988,269	76.7890	75,888,215	2,132,969	109,428	2,023,541	1,475,605	19.6941	29,060,709	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	105,860,447							
2138	18,858,308	2,315,817	16,542,490	\$12,063,098	79.6216	961,327,602	47,694,710	109,428	47,585,282	34,700,092	20.2022	701,018,190	1,250,000	911,524	1,0000	911,524	65,377,772	47,674,714	1,663,257,316							
2139	3,671,061	2,315,817	1,355,244	\$988,269	82.7040	81,733,828	2,132,969	109,428	2,023,541	1,475,605	20.7234	30,579,549	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	113,224,900							
2140	3,681,119	2,315,817	1,365,301	\$995,604	85.8302	85,452,857	2,142,238	109,428	2,032,810	1,482,364	21.2580	31,512,084	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	117,876,464							
2141	3,671,061	2,315,817	1,355,244	\$988,269	89.0745	88,029,598	2,132,969	109,428	2,023,541	1,475,605	21.8065	32,177,776	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	121,118,898							
2142	3,671,061	2,315,817	1,355,244	\$988,269	92.4416	91,357,199	2,132,969	109,428	2,023,541	1,475,605	22.3691	33,007,952	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	125,676,675							
2143	3,671,061	2,315,817	1,355,244	\$988,269	95.9359	94,810,509	2,132,969	109,428	2,023,541	1,475,605	22.9462	33,859,523	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	129,581,556							
2144	3,681,119	2,315,817	1,365,301	\$995,604	99.5622	99,124,486	2,142,238	109,428	2,032,810	1,482,364	23.5382	34,892,169	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	134,028,778							
2145	5,189,786	2,315,817	2,873,968	\$2,095,752	103.3257	216,545,067	6,689,143	109,428	6,579,715	4,798,053	24.1455	115,851,401	1,250,000	911,524	1,0000	911,524	10,703,684	7,805,329	237,007,991							
2146	4,683,544	2,315,817	2,367,727	\$1,726,591	107.2314	185,144,799	5,170,419	109,428	5,060,991	3,690,571	24.7685	91,409,898	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,686	277,466,221							
2147	4,683,544	2,315,817	2,367,727	\$1,726,591	111.2847	192,143,192	5,170,419	109,428	5,060,991	3,690,571	25.4075	93,768,173	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,686	286,822,888							
2148	3,681,119	2,315,817	1,365,301	\$995,604	115.4913	114,983,555	2,142,238	109,428	2,032,810	1,482,364	26.0630	38,634,840	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	154,529,919							
2149	4,683,544	2,315,817	2,367,727	\$1,726,591	119.8569	206,943,877	5,170,419	109,428	5,060,991	3,690,571	26.7355	98,669,250	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,686	306,524,651							
2150	5,189,786	2,315,817	2,873,968	\$2,095,752	124.3875	260,685,381	6,689,143	109,428	6,579,715	4,798,053	27.4252	113,587,577	1,250,000	911,524	1,0000	911,524	10,703,684	7,805,329	393,184,482							
2151	5,189,786	2,315,817	2,873,968	\$2																						

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PIIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'	
	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Cost Estimate Nominal \$	DOE Reimbursement Estimate Nominal \$	Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'	Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$'				
2185	3,671,061	2,315,817	1,355,244	\$988,269	455.7797	450,433,104	2,132,969	109,428	2,023,541	1,475,605	66,8874	98,699,370	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	550,043,998
2186	3,671,061	2,315,817	1,355,244	\$988,269	473.0081	467,459,404	2,132,969	109,428	2,023,541	1,475,605	68.6131	101,245,821	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	569,616,748
2187	3,671,061	2,315,817	1,355,244	\$988,269	490.8878	485,129,363	2,132,969	109,428	2,023,541	1,475,605	70.3834	103,858,084	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	589,898,971
2188	18,868,365	2,315,817	16,552,548	\$12,070,433	509.4434	61,402,202,188	47,703,978	109,428	47,594,550	34,706,850	72.1993	2,505,810,296	1,250,000	911,524	1.0000	911,524	65,397,098	47,688,807	8,655,924,008
2189	3,671,061	2,315,817	1,355,244	\$988,269	528.7004	522,498,396	2,132,969	109,428	2,023,541	1,475,605	74.0620	109,286,244	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	655,266,164
2190	3,671,061	2,315,817	1,355,244	\$988,269	548.6852	542,248,762	2,132,969	109,428	2,023,541	1,475,605	75.9728	112,105,830	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	655,266,165
2191	3,671,061	2,315,817	1,355,244	\$988,269	569.4255	562,745,764	2,132,969	109,428	2,023,541	1,475,605	77.9329	114,998,163	1,250,000	911,524	1.0000	911,524	4,628,785	3,375,398	678,655,451
2192	3,681,119	2,315,817	1,365,301	\$995,604	590.9498	588,351,754	2,142,238	109,428	2,032,810	1,482,364	79.9436	118,505,476	1,250,000	911,524	1.0000	911,524	4,648,111	3,389,491	707,768,753
2193	3,774,848	2,315,817	1,459,031	\$1,063,953	613.2877	652,509,386	2,444,332	109,428	2,334,904	1,702,656	82.0061	139,628,201	1,250,000	911,524	1.0000	911,524	5,043,935	3,678,133	793,049,116
2194	3,930,530	2,315,817	1,614,712	\$1,177,479	636.4700	749,429,986	2,911,376	109,428	2,801,948	2,043,233	84.1219	171,880,680	1,250,000	911,524	1.0000	911,524	5,666,660	4,132,236	922,222,189
2195	5,808,997	2,315,817	3,493,180	\$2,547,293	660.5286	1,682,560,007	8,546,779	109,428	8,437,351	6,152,676	86.2922	530,927,981	1,250,000	911,524	1.0000	911,524	13,180,531	9,611,493	2,214,399,512
2196	5,004,964	2,315,817	2,689,147	\$1,960,977	685.4966	1,344,243,058	6,113,775	109,428	6,004,347	4,378,484	88.5185	387,576,806	1,250,000	911,524	1.0000	911,524	9,943,494	7,250,984	1,732,731,388
2197	4,839,225	2,315,817	2,523,408	\$1,840,117	711.4083	1,309,074,504	5,637,462	109,428	5,528,034	4,031,148	90.8023	366,037,490	1,250,000	911,524	1.0000	911,524	9,301,442	6,782,789	1,676,023,518
2198	4,034,317	2,315,817	1,718,500	\$1,253,163	738.2996	925,209,521	3,222,738	109,428	3,113,310	2,270,285	93.1450	211,465,687	1,250,000	911,524	1.0000	911,524	6,081,810	4,434,971	1,137,586,732
2199	4,839,225	2,315,817	2,523,408	\$1,840,117	766.2073	1,409,911,075	5,637,462	109,428	5,528,034	4,031,148	95.5482	385,168,915	1,250,000	911,524	1.0000	911,524	9,301,442	6,782,789	1,795,915,513
2200	5,293,573	2,315,817	2,977,756	\$2,171,436	795.1699	1,726,660,588	7,000,506	109,428	6,891,078	5,025,105	98.0133	492,527,119	1,250,000	911,524	1.0000	911,524	11,718,834	8,108,065	2,220,992,230
2201	5,449,254	2,315,817	3,133,437	\$2,284,962	825.2273	1,885,612,838	7,467,550	109,428	7,358,122	5,365,682	100.5421	539,476,949	1,250,000	911,524	1.0000	911,524	11,741,559	8,562,168	2,426,001,510
2202	5,449,254	2,315,817	3,133,437	\$2,284,962	856.4209	1,956,889,021	7,467,550	109,428	7,358,122	5,365,682	103.1360	553,394,992	1,250,000	911,524	1.0000	911,524	11,741,559	8,562,168	2,511,195,537
2203	3,826,742	2,315,817	1,510,925	\$1,101,795	888.7937	979,268,515	2,600,013	109,428	2,490,585	1,816,182	105.7969	192,146,425	1,250,000	911,524	1.0000	911,524	5,251,510	3,829,162	1,172,326,464
2204	3,888,694	2,315,817	1,572,876	\$1,146,971	922.3901	1,057,954,919	2,764,963	109,428	2,655,535	1,936,466	108.5265	210,157,923	1,250,000	911,524	1.0000	911,524	5,478,411	3,994,961	1,269,024,367
2205	5,397,361	2,315,817	3,081,543	\$2,247,120	957.2564	2,151,069,875	7,311,868	109,428	7,202,440	5,252,156	111.3265	584,704,190	1,250,000	911,524	1.0000	911,524	11,533,984	8,410,800	2,736,685,589
2206	4,839,225	2,315,817	2,523,408	\$1,840,117	993.4407	1,828,047,116	5,637,462	109,428	5,528,034	4,031,148	114.1987	460,351,836	1,250,000	911,524	1.0000	911,524	9,301,442	6,782,789	2,289,310,476
2207	4,891,119	2,315,817	2,575,302	\$1,877,959	1,030.9927	1,936,161,921	5,793,144	109,428	5,683,716	4,144,674	117.1450	485,527,778	1,250,000	911,524	1.0000	911,524	9,509,017	6,934,156	2,422,601,223
2208	3,888,694	2,315,817	1,572,876	\$1,146,971	1,069.9643	1,227,218,283	2,764,963	109,428	2,655,535	1,936,466	120.1674	232,700,135	1,250,000	911,524	1.0000	911,524	5,478,411	3,994,961	1,460,829,942
2209	4,839,225	2,315,817	2,523,408	\$1,840,117	1,110.4089	2,045,282,289	5,637,462	109,428	5,528,034	4,031,148	123.2677	496,910,316	1,250,000	911,524	1.0000	911,524	9,301,442	6,782,789	2,541,104,128
2210	4,891,119	2,315,817	2,575,302	\$1,877,959	1,152.3824	2,164,126,389	5,793,144	109,428	5,683,716	4,144,674	126.4480	524,085,676	1,250,000	911,524	1.0000	911,524	9,509,017	6,934,156	2,689,123,989
2211	4,891,119	2,315,817	2,575,302	\$1,877,959	1,195.9424	2,245,930,679	5,793,144	109,428	5,683,716	4,144,674	129.7104	537,607,259	1,250,000	911,524	1.0000	911,524	9,509,017	6,934,156	2,784,494,611
2212	3,888,694	2,315,817	1,572,876	\$1,146,971	1,241.1491	1,423,562,326	2,764,963	109,428	2,655,535	1,936,466	133.0569	257,660,219	1,250,000	911,524	1.0000	911,524	5,478,411	3,994,961	1,682,134,069
2213	6,916,085	2,315,817	4,600,268	\$3,354,603	1,288.0645	4,320,944,727	11,868,042	109,428	11,758,614	8,574,605	136.4898	1,170,346,132	1,250,000	911,524	1.0000	911,524	17,608,332	12,840,732	5,492,202,383
2214	5,903,602	2,315,817	3,587,785	\$2,616,281	1,336.7533	3,497,322,036	8,830,593	109,428	8,721,165	6,359,639	140.0112	1,890,420,729	1,250,000	911,524	1.0000	911,524	13,558,850	9,887,444	4,388,654,289
2215	4,891,119	2,315,817	2,575,302	\$1,877,959	1,387.2826	2,605,259,711	5,793,144	109,428	5,683,716	4,144,674	143.6235	595,272,516	1,250,000	911,524	1.0000	911,524	9,509,017	6,934,156	3,201,443,751
2216	3,888,694	2,315,817	1,572,876	\$1,146,971	1,439.7219	1,651,319,617	2,764,963	109,428	2,655,535	1,936,466	147.3290	285,297,662	1,250,000	911,524	1.0000	911,524	5,478,411	3,994,961	1,937,528,803
2217	3,852,645	2,315,817	1,536,828	\$1,120,684	1,494.1434	1,674,462,658	2,764,963	109,428	2,655,535	1,936,466	151.1301	1,590,299,020	1,250,000	911,524	1.0000	911,524	17,216,945	12,554,923	3,265,673,112
2218	1,123,816	2,315,817	(1,192,001)	(\$869,230)	1,550.6220	(1,347,847,371)	3,040,582	109,428	2,931,154	2,137,453	155.0292	331,367,667	0	0	1.0000	0	1,739,153	1,268,223	(1,016,479,705)
	\$1,277,332,851	\$412,215,505	\$865,117,346	\$630,860,006		\$75,268,772,857	\$1,318,541,034	\$19,478,185	\$1,299,062,848	\$947,301,311		\$25,776,363,592	\$231,250,000	\$168,631,894		\$168,631,894	\$2,395,430,195	\$1,746,793,211	\$101,213,768,342

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

AMOUNT TO RECOVER

	LABOR										NON-LABOR					PIIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$															
	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$	DOE		Adjusted Estimate Nominal \$	Jurisdictional Cost in Nominal \$	Escalation Factor	Jurisdictional Cost in Future \$																				
	Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$					Cost Estimate Nominal \$	Reimbursement Estimate Nominal \$					Cost Estimate Nominal \$	Jurisdictional Cost in Nominal \$																								
Prairie Island Unit 2																																						
		2020		72,921.9%		3.78%														0.00%																		
2034	\$7,675,187	\$0	\$7,675,187	\$5,596,819	1.6811	\$9,408,813	\$2,544,350	\$0	\$2,544,350	\$1,855,389	1.4285	\$2,650,423	\$1,250,000	\$911,524	1.0000	\$911,524	\$1,146,937	\$8,363,732	\$12,970,759																			
2035	47,507,649	-	47,507,649	34,643,480	1.7446	60,439,016	31,815,515	-	31,815,515	23,200,478	1.4653	33,995,661	1,250,000	911,524	1.0000	911,524	\$8,555,482	95,346,200	95,346,200																			
2036	27,599,665	-	27,599,665	20,126,200	1.8106	36,440,498	20,807,102	-	20,807,102	15,172,934	1.5032	22,807,955	1,250,000	911,524	1.0000	911,524	49,656,677	36,210,658	60,159,977																			
2037	21,434,928	-	21,434,928	15,630,757	1.8790	29,370,192	28,372,228	-	28,372,228	20,689,568	1.5419	31,901,245	1,250,000	911,524	1.0000	911,524	51,057,157	32,318,849	62,182,961																			
2038	27,847,219	-	27,847,219	20,306,721	1.9501	39,600,137	51,819,734	-	51,819,734	37,787,935	1.5817	59,769,177	1,250,000	911,524	1.0000	911,524	80,916,954	59,006,180	100,280,838																			
2039	5,034,556	-	5,034,556	3,671,294	2.0238	7,429,964	3,184,875	-	3,184,875	2,322,472	1.6225	3,768,210	1,250,000	911,524	1.0000	911,524	9,469,431	6,905,289	12,109,698																			
2040	5,048,349	-	5,048,349	3,681,352	2.1003	7,731,944	3,203,397	-	3,203,397	2,335,978	1.6644	3,888,002	1,250,000	911,524	1.0000	911,524	9,501,747	6,928,854	12,531,470																			
2041	5,034,556	-	5,034,556	3,671,294	2.1797	8,002,319	3,184,875	-	3,184,875	2,322,472	1.7073	3,965,156	1,250,000	911,524	1.0000	911,524	9,469,431	6,905,289	12,878,998																			
2042	5,034,556	2,315,818	2,718,738	1,982,555	2.2620	4,484,540	3,184,875	109,428	3,075,447	2,242,675	1.7514	3,927,820	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	9,323,884																			
2043	5,034,556	2,315,818	2,718,738	1,982,555	2.3475	4,654,649	3,184,875	109,428	3,075,447	2,242,675	1.7966	4,029,889	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	9,594,762																			
2044	5,048,349	2,315,818	2,732,532	1,992,614	2.4363	4,854,605	3,203,397	109,428	3,093,969	2,256,181	1.8429	4,157,916	1,250,000	911,524	1.0000	911,524	7,076,501	5,160,319	9,924,046																			
2045	6,548,694	2,315,818	4,232,876	3,086,693	2.5284	7,804,396	7,727,289	109,428	7,617,861	5,555,089	1.8905	10,501,895	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	19,217,815																			
2046	6,043,981	2,315,818	3,728,163	2,718,647	2.6239	7,133,459	6,213,151	109,428	6,103,723	4,450,951	1.9392	8,631,284	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	16,676,266																			
2047	6,043,981	2,315,818	3,728,163	2,718,647	2.7231	7,403,149	6,213,151	109,428	6,103,723	4,450,951	1.9893	8,854,276	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	17,168,949																			
2048	5,048,349	2,315,818	2,732,532	1,992,614	2.8261	5,631,326	3,203,397	109,428	3,093,969	2,256,181	2.0406	4,603,964	1,250,000	911,524	1.0000	911,524	7,076,501	5,160,319	11,146,813																			
2049	6,043,981	2,315,818	3,728,163	2,718,647	2.9329	7,973,521	6,213,151	109,428	6,103,723	4,450,951	2.0932	9,316,730	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	18,201,751																			
2050	6,548,694	2,315,818	4,232,876	3,086,693	3.0438	9,395,278	7,727,289	109,428	7,617,861	5,555,089	2.1472	11,927,887	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	22,534,688																			
2051	6,493,919	2,315,818	4,178,101	3,046,750	3.1588	9,624,075	7,562,963	109,428	7,453,535	5,435,260	2.2026	11,971,703	1,250,000	911,524	1.0000	911,524	12,881,636	9,393,534	22,507,302																			
2052	6,562,487	2,315,818	4,246,669	3,096,752	3.2782	10,151,773	7,745,811	109,428	7,636,383	5,568,595	2.2595	12,582,241	1,250,000	911,524	1.0000	911,524	13,133,052	9,576,871	23,645,538																			
2053	5,034,556	2,315,818	2,718,738	1,982,555	3.4021	6,744,852	3,184,875	109,428	3,075,447	2,242,675	2.3178	5,198,071	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	12,854,447																			
2054	5,034,556	2,315,818	2,718,738	1,982,555	3.5307	6,999,808	3,184,875	109,428	3,075,447	2,242,675	2.3776	5,332,183	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	13,243,515																			
2055	6,548,694	2,315,818	4,232,876	3,086,693	3.6642	11,310,262	7,727,289	109,428	7,617,861	5,555,089	2.4389	13,548,306	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	25,770,702																			
2056	6,057,775	2,315,818	3,741,957	2,728,706	3.8098	10,376,450	6,231,673	109,428	6,122,245	4,464,457	2.5018	11,619,179	1,250,000	911,524	1.0000	911,524	11,142,002	8,104,687	22,457,153																			
2057	6,043,981	2,315,818	3,728,163	2,718,647	3.9464	10,728,807	6,213,151	109,428	6,103,723	4,450,951	2.5664	11,422,920	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	23,063,314																			
2058	5,034,556	2,315,818	2,718,738	1,982,555	4.0956	8,119,754	3,184,875	109,428	3,075,447	2,242,675	2.6326	5,904,065	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	14,935,343																			
2059	5,989,206	2,315,818	3,673,388	2,678,704	4.2504	11,385,565	6,048,825	109,428	5,939,397	4,331,121	2.7005	11,606,193	1,250,000	911,524	1.0000	911,524	10,627,785	7,921,350	23,939,282																			
2060	6,057,775	2,315,818	3,741,957	2,728,706	4.4111	12,036,595	6,231,673	109,428	6,122,245	4,464,457	2.7702	12,367,440	1,250,000	911,524	1.0000	911,524	11,142,002	8,104,687	25,153,558																			
2061	6,043,981	2,315,818	3,728,163	2,718,647	4.5778	12,445,424	6,213,151	109,428	6,103,723	4,450,951	2.8416	12,647,421	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	26,004,769																			
2062	5,034,556	2,315,818	2,718,738	1,982,555	4.7509	9,418,922	3,184,875	109,428	3,075,447	2,242,675	2.9150	6,537,397	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	16,687,843																			
2063	8,062,832	2,315,818	5,747,014	4,190,832	4.9305	20,662,895	12,269,703	109,428	12,160,275	8,867,503	2.9902	26,515,608	1,250,000	911,524	1.0000	911,524	19,157,288	13,909,859	48,090,027																			
2064	7,012,425	2,315,818	4,696,607	3,424,855	5.1168	17,524,298	9,095,623	109,428	8,986,195	6,552,904	3.0673	20,099,724	1,250,000	911,524	1.0000	911,524	14,932,802	10,889,283	38,535,546																			
2065	6,043,981	2,315,818	3,728,163	2,718,647	5.3103	14,436,834	6,213,151	109,428	6,103,723	4,450,951	3.1465	14,004,896	1,250,000	911,524	1.0000	911,524	11,081,886	8,081,122	29,353,274																			
2066	5,034,556	2,315,818	2,718,738	1,982,555	5.5110	10,925,663	3,184,875	109,428	3,075,447	2,242,675	3.2276	7,238,457	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	19,975,843																			
2067	5,034,556	2,315,818	2,718,738	1,982,555	5.7193	11,338,829	3,184,875	109,428	3,075,447	2,242,675	3.3109	7,425,271	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	19,675,628																			
2068	7,067,200	2,315,818	4,751,382	3,464,798	5.9355	20,565,309	9,259,949	109,428	9,130,521	6,672,734	3.3963	22,662,625	1,250,000	911,524	1.0000	911,524	15,151,903	11,095,055	44,139,438																			
2069	6,548,694	2,315,818	4,232,876	3,086,693	6.1598	19,013,415	7,727,289	109,428	7,617,861	5,555,089	3.4840	19,333,929	1,250,000	911,524	1.0000	911,524	13,100,737	9,553,306	33,778,868																			
2070	5,034,556	2,315,818	2,718,738	1,982,555	6.3927	12,673,882	3,184,875	109,428	3,075,447	2,242,675	3.5738	8,014,871	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	21,600,276																			
2071	5,034,556	2,315,818	2,718,738	1,982,555	6.6343	13,152,867	3,184,875	109,428	3,075,447	2,242,675	3.6660	8,221,445	1,250,000	911,524	1.0000	911,524	7,044,185	5,136,754	22,286,036																			
2072	7,517,137	2,315,818	5,201,320	3,792,901	6.8851	26,114,503	10,609,761	109,428	10,500,333	7,657,043	3.7606	28,795,074	1,250,000	911,524	1.0000	911,524	16,951,637	12,961,467	5																			

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

Proposed

AMOUNT TO RECOVER

	LABOR										NON-LABOR										PIIC Payment			Total Cost Estimate	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$
	DOE		Adjusted Estimate	Jurisdictional		Escalation Factor	DOE		Adjusted Estimate	Jurisdictional		Escalation Factor	DOE		Adjusted Estimate	Jurisdictional		Escalation Factor								
	Cost Estimate	Reimbursement Estimate		Cost in Nominal \$	Cost in Future \$		Cost Estimate	Reimbursement Estimate		Cost in Nominal \$	Cost in Future \$		Cost Estimate	Reimbursement Estimate		Cost in Nominal \$	Cost in Future \$									
2109	4,683,544	2,315,818	2,367,726	1,726,591	27,1177	46,914,413	5,170,419	109,428	5,060,991	3,690,571	9,6512	35,618,435	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,685	83,444,372							
2110	4,683,544	2,315,818	2,367,726	1,726,591	28,1988	48,687,795	5,170,419	109,428	5,060,991	3,690,571	9,9002	36,537,387	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,685	81,136,706							
2111	4,683,544	2,315,818	2,367,726	1,726,591	29,2647	50,528,168	5,170,419	109,428	5,060,991	3,690,571	10,1556	37,479,959	1,250,000	911,524	1,0000	911,524	8,678,717	6,328,685	89,919,651							
2112	3,681,119	2,315,818	1,365,301	995,603	30,3709	30,237,370	2,142,238	109,428	2,032,810	1,482,364	10,4176	15,542,670	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	46,591,564							
2113	6,708,510	2,315,818	4,392,693	3,203,235	31,5189	100,962,440	11,245,317	109,428	11,135,889	8,120,502	10,6864	86,778,934	1,250,000	911,524	1,0000	911,524	16,778,582	12,235,261	188,652,898							
2114	5,696,027	2,315,818	3,380,209	2,464,913	32,7103	80,268,420	8,207,868	109,428	8,098,440	5,905,536	10,9621	64,737,081	1,250,000	911,524	1,0000	911,524	12,728,640	9,281,973	146,276,646							
2115	5,043,287	2,315,818	2,727,469	1,988,922	33,9468	67,517,552	6,249,648	109,428	6,140,220	4,477,565	11,2449	50,349,769	1,250,000	911,524	1,0000	911,524	10,117,845	7,378,011	118,778,845							
2116	3,681,119	2,315,818	1,365,301	995,603	35,2299	35,075,007	2,142,238	109,428	2,032,810	1,482,364	11,5350	17,099,063	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	53,085,594							
2117	3,671,061	2,315,818	1,355,243	988,269	36,5616	36,132,609	2,132,969	109,428	2,023,541	1,475,605	11,8326	17,460,242	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	54,504,464							
2118	5,696,027	2,315,818	3,380,209	2,464,913	37,9437	93,527,917	8,207,868	109,428	8,098,440	5,905,536	12,1379	71,680,810	1,250,000	911,524	1,0000	911,524	12,728,640	9,281,973	166,120,251							
2119	5,189,786	2,315,818	2,873,968	2,095,752	39,3779	82,526,312	6,689,143	109,428	6,579,715	4,798,054	12,4511	59,741,044	1,250,000	911,524	1,0000	911,524	10,703,683	7,805,329	143,178,880							
2120	3,681,119	2,315,818	1,365,301	995,603	40,8664	40,686,725	2,142,238	109,428	2,032,810	1,482,364	12,7723	18,933,192	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	60,548,111							
2121	3,671,061	2,315,818	1,355,243	988,269	42,4112	41,913,678	2,132,969	109,428	2,023,541	1,475,605	13,1018	19,333,079	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	62,158,281							
2122	6,202,269	2,315,818	3,886,451	2,834,074	44,0143	124,739,779	9,726,593	109,428	9,617,165	7,013,019	13,4399	94,254,278	1,250,000	911,524	1,0000	911,524	14,753,616	10,758,617	219,905,581							
2123	3,671,061	2,315,818	1,355,243	988,269	45,6781	45,142,254	2,132,969	109,428	2,023,541	1,475,605	14,3766	20,343,573	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	66,397,351							
2124	3,681,119	2,315,818	1,365,301	995,603	47,4047	47,196,278	2,142,238	109,428	2,032,810	1,482,364	14,1423	20,964,030	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	69,071,832							
2125	6,202,269	2,315,818	3,886,451	2,834,074	49,1966	139,426,800	9,726,593	109,428	9,617,165	7,013,019	14,5072	101,739,273	1,250,000	911,524	1,0000	911,524	14,753,616	10,758,617	242,077,597							
2126	3,671,061	2,315,818	1,355,243	988,269	51,0562	50,457,264	2,132,969	109,428	2,023,541	1,475,605	14,8815	21,959,213	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	73,328,001							
2127	3,671,061	2,315,818	1,355,243	988,269	52,9861	52,364,525	2,132,969	109,428	2,023,541	1,475,605	15,2654	22,525,698	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	75,801,746							
2128	6,212,326	2,315,818	3,896,509	2,841,408	54,9890	156,246,194	9,735,861	109,428	9,626,433	7,019,778	15,6593	109,924,809	1,250,000	911,524	1,0000	911,524	14,772,942	10,772,710	267,082,527							
2129	3,671,061	2,315,818	1,355,243	988,269	57,0676	56,398,145	2,132,969	109,428	2,023,541	1,475,605	16,0633	23,703,083	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	81,012,752							
2130	3,671,061	2,315,818	1,355,243	988,269	59,2248	58,530,039	2,132,969	109,428	2,023,541	1,475,605	16,4777	24,314,574	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	83,756,136							
2131	3,671,061	2,315,818	1,355,243	988,269	61,4635	60,742,477	2,132,969	109,428	2,023,541	1,475,605	16,9028	24,941,853	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	86,595,854							
2132	6,212,326	2,315,818	3,896,509	2,841,408	63,7868	181,244,335	9,735,861	109,428	9,626,433	7,019,778	17,3389	121,715,229	1,250,000	911,524	1,0000	911,524	14,772,942	10,772,710	303,871,087							
2133	3,671,061	2,315,818	1,355,243	988,269	66,4279	65,421,338	2,132,969	109,428	2,023,541	1,475,605	17,7863	26,245,550	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	92,578,412							
2134	3,671,061	2,315,818	1,355,243	988,269	68,7942	67,894,284	2,132,969	109,428	2,023,541	1,475,605	18,2451	26,922,558	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	95,728,365							
2135	3,671,061	2,315,818	1,355,243	988,269	71,7921	70,460,720	2,132,969	109,428	2,023,541	1,475,605	18,7159	27,617,272	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	98,989,516							
2136	3,681,119	2,315,818	1,365,301	995,603	73,9921	73,666,783	2,142,238	109,428	2,032,810	1,482,364	19,1987	28,459,453	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	103,037,759							
2137	3,671,061	2,315,818	1,355,243	988,269	76,7890	75,888,195	2,132,969	109,428	2,023,541	1,475,605	19,6941	29,060,709	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	105,860,427							
2138	18,858,308	2,315,818	16,542,490	12,063,098	79,6916	961,327,881	47,694,710	109,428	47,585,282	34,700,092	20,2022	347,000,920	1,250,000	911,524	1,0000	911,524	65,377,772	47,674,713	1,663,257,295							
2139	3,671,061	2,315,818	1,355,243	988,269	82,7040	81,733,806	2,132,969	109,428	2,023,541	1,475,605	20,7234	30,579,549	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	113,224,879							
2140	3,681,119	2,315,818	1,365,301	995,603	85,45283	85,452,830	2,142,238	109,428	2,032,810	1,482,364	21,2580	31,512,084	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	117,876,442							
2141	3,671,061	2,315,818	1,355,243	988,269	89,0745	88,029,575	2,132,969	109,428	2,023,541	1,475,605	21,8065	32,177,777	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	121,118,875							
2142	3,671,061	2,315,818	1,355,243	988,269	92,4416	91,357,176	2,132,969	109,428	2,023,541	1,475,605	22,3691	33,007,952	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	125,276,651							
2143	3,671,061	2,315,818	1,355,243	988,269	95,9359	94,810,484	2,132,969	109,428	2,023,541	1,475,605	22,9462	33,859,523	1,250,000	911,524	1,0000	911,524	4,628,785	3,375,398	129,581,531							
2144	3,681,119	2,315,818	1,365,301	995,603	99,5622	99,124,460	2,142,238	109,428	2,032,810	1,482,364	23,5382	34,892,169	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	134,928,153							
2145	5,189,786	2,315,818	2,873,968	2,095,752	103,3257	216,545,040	6,689,143	109,428	6,579,715	4,798,054	24,1455	115,851,400	1,250,000	911,524	1,0000	911,524	10,703,683	7,805,329	333,307,965							
2146	4,683,544	2,315,818	2,367,726	1,726,591	107,2314	185,144,772	5,170,419	109,428	5,060,991	3,690,571	24,7685	91,499,998	1,250,000	911,524	1,0000	911,524	6,328,685	4,774,664	632,682,685							
2147	4,683,544	2,315,818	2,367,726	1,726,591	111,2847	192,143,163	5,170,419	109,428	5,060,991	3,690,571	25,4075	93,768,173	1,250,000	911,524	1,0000	911,524	6,328,685	4,774,664	662,822,860							
2148	3,681,119	2,315,818	1,365,301	995,603	115,4913	114,983,526	2,142,238	109,428	2,032,810	1,482,364	26,0630	38,634,840	1,250,000	911,524	1,0000	911,524	4,648,111	3,389,491	154,529,890							
2149	4,683,544	2,315,818	2,367,726	1,726,591	119,8569	206,943,847	5,170,419	109,428	5,060,991	3,690,571	26,7355	98,669,251	1,250,000	911,524	1,0000	911,524	6,328,685	4,774,664	306,324,621							
2150	5,189,786	2,315,818	2,873,968	2,095,752	124,3875	260,685,349	6,689,143	109,428	6,579,715	4,798,054	27,4252	131,587,577	1,250,000	911,524	1,0000	911,524	10,703,683	7,805,329	393,184,450							
2151	5,189,786	2,315,818	2,873,968	2,095,752	129,0893	270,539,156	6,689,143	109,428	6,579,715	4,798,054	28,1328	134,982,680	1,250,000	911,524	1,0000	911,524	10,703,683	7,805,329	406,433,359							
2152	5,199,84																									

Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method

Proposed

AMOUNT TO RECOVER

	LABOR					NON-LABOR					PHIC Payment					Total Cost Estimate Nominal \$	Total Jurisdictional Cost in Nominal \$	Total Jurisdictional Cost in Future \$'
	Cost Estimate	Reimbursement Estimate	Adjusted Estimate	Jurisdictional Cost in	Escalation Factor	Cost Estimate	Reimbursement Estimate	Adjusted Estimate	Jurisdictional Cost in	Escalation Factor	Cost Estimate	Jurisdictional Cost in	Escalation Factor	Jurisdictional Cost in				
	Nominal \$	Nominal \$	Nominal \$	Nominal \$		Nominal \$	Nominal \$	Nominal \$	Nominal \$		Nominal \$	Nominal \$		Future \$'				
2186	3,671,061	2,315,818	1,355,243	988,269	473,0081	467,459,283	2,132,969	109,428	2,023,541	1,475,605	68,6131	101,245,821	1,250,000	911,524	4,628,785	3,375,398	569,616,627	
2187	3,671,061	2,315,818	1,355,243	988,269	490,8878	485,129,237	2,132,969	109,428	2,023,541	1,475,605	70,3834	103,858,084	1,250,000	911,524	4,628,785	3,375,398	589,898,845	
2188	18,868,365	2,315,818	16,552,548	12,070,432	509,4434	6,149,202,058	47,703,978	109,428	47,594,550	34,706,850	72,1993	2,505,810,296	1,250,000	911,524	65,397,098	47,688,806	8,655,923,878	
2189	3,671,061	2,315,818	1,355,243	988,269	528,7004	522,498,261	2,132,969	109,428	2,023,541	1,475,605	74,0620	109,286,244	1,250,000	911,524	4,628,785	3,375,398	632,696,029	
2190	3,671,061	2,315,818	1,355,243	988,269	548,6852	542,248,621	2,132,969	109,428	2,023,541	1,475,605	75,9728	112,105,830	1,250,000	911,524	4,628,785	3,375,398	652,665,975	
2191	3,671,061	2,315,818	1,355,243	988,269	569,4255	562,745,618	2,132,969	109,428	2,023,541	1,475,605	77,9329	114,998,163	1,250,000	911,524	4,628,785	3,375,398	678,655,305	
2192	3,681,119	2,315,818	1,365,301	995,603	590,9498	588,351,602	2,142,238	109,428	2,032,810	1,482,364	79,9436	118,505,476	1,250,000	911,524	4,648,111	3,389,491	707,768,602	
2193	3,774,848	2,315,818	1,459,031	1,063,953	613,2877	652,509,229	2,444,332	109,428	2,334,904	1,702,656	82,0061	139,628,201	1,250,000	911,524	5,043,935	3,678,133	793,048,953	
2194	3,930,530	2,315,818	1,614,712	1,177,479	636,4700	749,429,823	2,911,376	109,428	2,801,948	2,043,233	84,1219	171,880,680	1,250,000	911,524	5,666,660	4,132,236	922,222,027	
2195	5,808,997	2,315,818	3,493,180	2,547,293	660,5286	1,682,559,838	8,546,779	109,428	8,437,351	6,152,676	86,2922	530,927,981	1,250,000	911,524	13,180,530	9,611,493	2,214,399,343	
2196	5,004,964	2,315,818	2,689,147	1,960,977	685,4966	1,344,242,882	6,113,775	109,428	6,004,347	4,378,484	88,5185	387,576,806	1,250,000	911,524	9,943,403	7,250,984	1,732,731,212	
2197	4,839,225	2,315,818	2,523,408	1,840,117	711,4083	1,309,074,321	5,637,462	109,428	5,528,034	4,031,148	90,8023	366,037,491	1,250,000	911,524	9,301,442	6,782,788	1,676,023,336	
2198	4,034,317	2,315,818	1,718,499	1,253,162	738,2996	925,209,332	3,222,738	109,428	3,113,310	2,270,285	93,1450	211,465,687	1,250,000	911,524	6,081,810	4,434,971	1,137,586,543	
2199	4,839,225	2,315,818	2,523,408	1,840,117	766,2073	1,409,910,879	5,637,462	109,428	5,528,034	4,031,148	95,5482	385,168,915	1,250,000	911,524	9,301,442	6,782,788	1,795,991,317	
2200	5,293,573	2,315,818	2,977,755	2,171,436	795,1609	1,726,660,384	7,000,506	109,428	6,891,078	5,025,105	98,0133	492,527,119	1,250,000	911,524	11,118,833	8,108,064	2,220,099,027	
2201	5,449,254	2,315,818	3,133,437	2,284,962	825,2273	1,885,612,626	7,467,550	109,428	7,358,122	5,365,682	100,5421	539,476,949	1,250,000	911,524	11,741,558	8,562,167	2,426,001,099	
2202	5,449,254	2,315,818	3,133,437	2,284,962	825,4209	1,956,888,802	7,467,550	109,428	7,358,122	5,365,682	103,1360	553,394,992	1,250,000	911,524	11,741,558	8,562,167	2,511,195,318	
2203	3,826,742	2,315,818	1,510,924	1,101,795	888,7937	979,268,287	2,600,013	109,428	2,490,585	1,816,182	105,7969	210,146,426	1,250,000	911,524	5,251,510	3,829,501	1,172,326,236	
2204	3,888,694	2,315,818	1,572,876	1,146,971	922,3901	1,057,954,683	2,764,963	109,428	2,655,535	1,936,466	108,5265	210,157,924	1,250,000	911,524	5,478,411	3,994,961	1,209,024,131	
2205	5,397,361	2,315,818	3,081,543	2,247,120	957,2564	2,151,069,630	7,311,868	109,428	7,202,440	5,252,156	111,3265	584,704,190	1,250,000	911,524	11,533,983	8,410,800	2,736,685,344	
2206	4,839,225	2,315,818	2,523,408	1,840,117	993,4407	1,828,046,862	5,637,462	109,428	5,528,034	4,031,148	114,1987	460,351,837	1,250,000	911,524	9,301,442	6,782,788	2,289,310,222	
2207	4,891,119	2,315,818	2,575,301	1,877,959	1,030,9927	1,936,161,657	5,793,144	109,428	5,683,716	4,144,674	117,1450	485,527,779	1,250,000	911,524	9,509,017	6,934,156	2,422,600,959	
2208	3,888,694	2,315,818	1,572,876	1,146,971	1,069,3643	1,227,218,009	2,764,963	109,428	2,655,535	1,936,466	120,1674	232,700,136	1,250,000	911,524	5,478,411	3,994,961	1,460,829,669	
2209	4,839,225	2,315,818	2,523,408	1,840,117	1,110,4089	2,043,282,005	5,637,462	109,428	5,528,034	4,031,148	123,2677	496,910,316	1,250,000	911,524	9,301,442	6,782,788	2,541,103,844	
2210	4,891,119	2,315,818	2,575,301	1,877,959	1,152,3824	2,164,126,494	5,793,144	109,428	5,683,716	4,144,674	126,4480	524,085,676	1,250,000	911,524	9,509,017	6,934,156	2,689,123,694	
2211	4,891,119	2,315,818	2,575,301	1,877,959	1,195,9424	2,245,930,373	5,793,144	109,428	5,683,716	4,144,674	129,7104	537,607,259	1,250,000	911,524	9,509,017	6,934,156	2,784,449,155	
2212	3,888,694	2,315,818	1,572,876	1,146,971	1,241,1491	1,423,562,008	2,764,963	109,428	2,655,535	1,936,466	133,0569	257,660,220	1,250,000	911,524	5,478,411	3,994,961	1,692,133,752	
2213	6,916,085	2,315,818	4,600,268	3,354,603	1,288,0645	3,024,944,397	11,868,042	109,428	11,758,614	8,574,605	136,4898	1,870,346,133	1,250,000	911,524	17,608,882	12,840,731	5,492,202,054	
2214	5,903,602	2,315,818	3,587,784	2,616,281	1,336,7533	3,497,321,694	8,830,593	109,428	8,721,165	6,359,639	140,0112	1,890,420,729	1,250,000	911,524	13,558,950	9,887,444	4,388,653,947	
2215	4,891,119	2,315,818	2,575,301	1,877,959	1,387,2826	2,605,259,356	5,793,144	109,428	5,683,716	4,144,674	143,6235	595,272,516	1,250,000	911,524	9,509,017	6,934,156	3,201,443,396	
2216	3,888,694	2,315,818	1,572,876	1,146,971	1,439,7219	1,651,319,248	2,764,963	109,428	2,655,535	1,936,466	147,3290	285,297,662	1,250,000	911,524	5,478,411	3,994,961	1,937,528,434	
2217	3,852,645	2,315,818	1,536,827	1,120,684	1,494,1434	1,674,462,186	14,539,545	109,428	14,430,117	10,522,715	151,1301	1,590,299,020	1,250,000	911,524	17,216,944	12,554,923	3,265,672,729	
2218	1,123,816	2,315,818	(869,230)	(1,192,002)	1,550,6220	(1,347,847,769)	3,040,582	109,428	2,931,154	2,137,453	155,0292	331,367,667	0	0	1,739,152	1,268,223	(1,016,480,101)	
	\$1,302,354,031	\$409,899,749	\$892,454,282	\$650,794,619		\$75,650,417,087	\$1,335,874,643	\$19,368,757	\$1,316,505,887	\$960,021,106		\$25,911,596,709	\$230,000,000	\$167,720,370	\$167,720,370	\$2,438,960,168	\$1,778,536,095	\$101,729,734,166
	\$5,024,272,973	\$1,713,285,028	\$3,310,987,945	\$2,414,435,318		\$349,553,765,530	\$4,945,384,632	\$81,305,006	\$4,864,079,626	\$3,546,979,281		\$98,520,611,605	\$461,250,000	\$336,352,266	\$336,352,266	\$8,636,317,571	\$6,297,766,863	\$448,410,729,399

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
**DECON Method**

**Docket No. E002/M-20-855**  
**REVISED Schedule E.8**  
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**Proposed**

**EXTERNAL FUND CALCULATION**

**Monticello**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$757,935,327	\$15,263,732	\$0	\$6,696,113	\$779,895,171
2021	779,895,171	31,444,364	-	8,507,110	819,846,645
2022	819,846,645	35,147,396	-	113,294,038	968,288,080
2023	968,288,080	41,099,897	-	113,294,038	1,122,682,015
2024	1,122,682,015	47,291,094	-	113,294,038	1,283,267,148
2025	1,283,267,148	53,730,558	-	113,294,038	1,450,291,744
2026	1,450,291,744	60,428,244	-	113,294,038	1,624,014,027
2027	1,624,014,027	67,394,508	-	113,294,038	1,804,702,573
2028	1,804,702,573	74,640,119	-	113,294,038	1,992,636,730
2029	1,992,636,730	82,176,278	-	113,294,038	2,188,107,046
2030	2,188,107,046	87,662,278	(28,367,608)	84,970,529	2,332,372,245
2031	2,332,372,245	91,662,229	(122,134,271)	-	2,301,900,203
2032	2,301,900,203	90,464,678	(75,155,350)	-	2,317,209,531
2033	2,317,209,531	91,066,335	(76,924,759)	-	2,331,351,106
2034	2,331,351,106	91,622,098	(178,436,035)	-	2,244,537,170
2035	2,244,537,170	88,210,311	(15,410,093)	-	2,317,337,387
2036	2,317,337,387	91,071,359	(16,001,584)	-	2,392,407,162
2037	2,392,407,162	94,021,601	(16,508,420)	-	2,469,920,343
2038	2,469,920,343	97,067,869	(10,302,844)	-	2,556,685,369
2039	2,556,685,369	100,477,735	(10,648,786)	-	2,646,514,318
2040	2,646,514,318	104,008,013	(11,065,567)	-	2,739,456,764
2041	2,739,456,764	107,660,651	(11,377,123)	-	2,835,740,291
2042	2,835,740,291	111,444,593	(11,760,090)	-	2,935,424,795
2043	2,935,424,795	115,362,194	(12,156,540)	-	3,038,630,449
2044	3,038,630,449	119,418,177	(12,633,892)	-	3,145,414,733
2045	3,145,414,733	123,614,799	(12,991,378)	-	3,256,038,155
2046	3,256,038,155	127,962,299	(13,430,107)	-	3,370,570,347
2047	3,370,570,347	132,463,415	(13,884,721)	-	3,489,149,040
2048	3,489,149,040	137,123,557	(19,126,385)	-	3,607,146,212
2049	3,607,146,212	141,760,846	(14,841,483)	-	3,734,065,575
2050	3,734,065,575	146,748,777	(26,542,551)	-	3,854,271,801
2051	3,854,271,801	151,472,882	(27,395,394)	-	3,978,349,289
2052	3,978,349,289	156,349,127	(28,364,889)	-	4,106,333,527
2053	4,106,333,527	161,378,908	(29,188,012)	-	4,238,524,423
2054	4,238,524,423	166,574,010	(30,129,169)	-	4,374,969,264
2055	4,374,969,264	171,936,292	(31,101,647)	-	4,515,803,909
2056	4,515,803,909	177,471,094	(32,206,727)	-	4,661,068,276
2057	4,661,068,276	183,179,983	(33,145,204)	-	4,811,103,055
2058	4,811,103,055	189,076,350	(97,082,104)	-	4,903,097,301
2059	4,903,097,301	192,691,724	(35,327,682)	-	5,060,461,343
2060	5,060,461,343	198,876,131	(36,589,159)	-	5,222,748,314

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
**DECON Method**

**Docket No. E002/M-20-855**  
**REVISED Schedule E.8**  
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**Proposed**

**EXTERNAL FUND CALCULATION**

2061	5,222,748,314	205,254,009	(37,658,784)	-	5,390,343,539
2062	5,390,343,539	211,840,501	(38,884,261)	-	5,563,299,778
2063	5,563,299,778	218,637,681	(76,581,553)	-	5,705,355,907
2064	5,705,355,907	224,220,487	(41,589,363)	-	5,887,987,031
2065	5,887,987,031	231,397,890	(42,811,330)	-	6,076,573,591
2066	6,076,573,591	238,809,342	(52,172,708)	-	6,263,210,225
2067	6,263,210,225	246,144,162	(45,654,240)	-	6,463,700,147
2068	6,463,700,147	254,023,416	(165,621,329)	-	6,552,102,233
2069	6,552,102,233	257,497,618	(48,693,006)	-	6,760,906,844
2070	6,760,906,844	265,703,639	(50,289,621)	-	6,976,320,862
2071	6,976,320,862	274,169,410	(51,940,313)	-	7,198,549,959
2072	7,198,549,959	282,903,013	(53,819,718)	-	7,427,633,254
2073	7,427,633,254	291,905,987	(55,412,221)	-	7,664,127,020
2074	7,664,127,020	301,200,192	(57,237,367)	-	7,908,089,845
2075	7,908,089,845	310,787,931	(59,124,084)	-	8,159,753,692
2076	8,159,753,692	320,678,320	(61,272,344)	-	8,419,159,668
2077	8,419,159,668	330,872,975	(63,091,936)	-	8,686,940,707
2078	8,686,940,707	341,396,770	(65,177,922)	-	8,963,159,554
2079	8,963,159,554	352,252,170	(67,335,184)	-	9,248,076,541
2080	9,248,076,541	363,449,408	(69,792,439)	-	9,541,733,510
2081	9,541,733,510	374,990,127	(71,873,207)	-	9,844,850,430
2082	9,844,850,430	386,902,622	(74,258,820)	-	10,157,494,232
2083	10,157,494,232	399,189,523	(76,726,673)	-	10,479,957,083
2084	10,479,957,083	411,862,313	(557,658,753)	-	10,334,160,643
2085	10,334,160,643	406,132,513	(337,416,313)	-	10,402,876,843
2086	10,402,876,843	408,833,060	(607,309,664)	-	10,204,400,239
2087	10,204,400,239	401,032,929	(1,052,985,009)	-	9,552,448,160
2088	9,552,448,160	375,411,213	(701,348,622)	-	9,226,510,750
2089	9,226,510,750	362,601,872	(685,271,492)	-	8,903,841,131
2090	8,903,841,131	349,920,956	(355,997,094)	-	8,897,764,993
2091	8,897,764,993	349,682,164	(293,142,371)	-	8,954,304,786
2092	8,954,304,786	351,904,178	(170,148,355)	-	9,136,060,609
2093	9,136,060,609	359,047,182	(80,927,342)	-	9,414,180,450
2094	9,414,180,450	369,977,292	(83,585,397)	-	9,700,572,344
2095	9,700,572,344	381,232,493	(128,826,282)	-	9,952,978,555
2096	9,952,978,555	391,152,057	(89,452,600)	-	10,254,678,012
2097	10,254,678,012	403,008,846	(92,111,488)	-	10,565,575,370
2098	10,565,575,370	415,227,112	(95,149,031)	-	10,885,653,451
2099	10,885,653,451	427,806,181	(98,290,044)	-	11,215,169,588
2100	11,215,169,588	440,756,165	(101,537,690)	-	11,554,388,063
2101	11,554,388,063	454,087,451	(104,896,175)	-	11,903,579,339
2102	11,903,579,339	467,810,668	(108,369,184)	-	12,263,020,823
2103	12,263,020,823	481,936,718	(111,960,718)	-	12,632,996,824
2104	12,632,996,824	496,476,775	(116,045,590)	-	13,013,428,009
2105	13,013,428,009	511,427,721	(119,515,981)	-	13,405,339,748
2106	13,405,339,748	526,829,852	(123,489,182)	-	13,808,680,418
2107	13,808,680,418	542,681,140	(127,598,272)	-	14,223,763,287
2108	14,223,763,287	558,993,897	(417,451,434)	-	14,365,305,750

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
**DECON Method**

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**Proposed**

**EXTERNAL FUND CALCULATION**

*External Levelized*

2109	14,365,305,750	564,556,516	(136,244,011)	-	14,793,618,255
2110	14,793,618,255	581,389,197	(140,790,766)	-	15,234,216,686
2111	15,234,216,686	598,704,716	(145,493,620)	-	15,687,427,783
2112	15,687,427,783	616,515,912	(150,852,066)	-	16,153,091,629
2113	16,153,091,629	634,816,501	(322,013,377)	-	16,465,894,753
2114	16,465,894,753	647,109,664	(160,596,449)	-	16,952,407,967
2115	16,952,407,967	666,229,633	(165,981,801)	-	17,452,655,799
2116	17,452,655,799	685,889,373	(208,726,648)	-	17,929,818,523
2117	17,929,818,523	704,641,868	(177,316,273)	-	18,457,144,119
2118	18,457,144,119	725,365,764	(728,922,504)	-	18,453,587,379
2119	18,453,587,379	725,225,984	(189,448,719)	-	18,989,364,644
2120	18,989,364,644	746,282,031	(196,489,631)	-	19,539,157,043
2121	19,539,157,043	767,888,872	(202,435,473)	-	20,104,610,442
2122	20,104,610,442	790,111,190	(209,268,789)	-	20,685,452,844
2123	20,685,452,844	812,938,297	(216,338,954)	-	21,282,052,186
2124	21,282,052,186	836,384,651	(224,414,926)	-	21,894,021,911
2125	21,894,021,911	860,435,061	(231,224,969)	-	22,523,232,004
2126	22,523,232,004	885,163,018	(239,058,405)	-	23,169,336,617
2127	23,169,336,617	910,554,929	(247,164,273)	-	23,832,727,273
2128	23,832,727,273	936,626,182	(309,929,649)	-	24,459,423,805
2129	24,459,423,805	961,255,356	(264,234,250)	-	25,156,444,911
2130	25,156,444,911	988,648,285	(273,218,159)	-	25,871,875,037
2131	25,871,875,037	1,016,764,689	(282,515,668)	-	26,606,124,058
2132	26,606,124,058	1,045,620,675	(293,152,812)	-	27,358,591,922
2133	27,358,591,922	1,075,192,663	(302,097,280)	-	28,131,687,304
2134	28,131,687,304	1,105,575,311	(2,576,863,471)	-	26,660,399,144
2135	26,660,399,144	1,047,753,686	(323,073,237)	-	27,385,079,594
2136	27,385,079,594	1,076,233,628	(335,287,541)	-	28,126,025,681
2137	28,126,025,681	1,105,352,809	(345,544,835)	-	28,885,833,655
2138	28,885,833,655	1,135,213,263	(357,375,238)	-	29,663,671,680
2139	29,663,671,680	1,165,782,297	(369,621,281)	-	30,459,832,695
2140	30,459,832,695	1,197,071,425	(383,652,343)	-	31,273,251,777
2141	31,273,251,777	1,229,038,795	(395,419,152)	-	32,106,871,420
2142	32,106,871,420	1,261,800,047	(409,003,101)	-	32,959,668,367
2143	32,959,668,367	1,295,314,967	(423,065,035)	-	33,831,918,298
2144	33,831,918,298	1,329,594,389	(439,188,707)	-	34,722,323,980
2145	34,722,323,980	1,364,587,332	(452,693,206)	-	35,634,218,107
2146	35,634,218,107	1,400,424,772	(468,295,883)	-	36,566,346,996
2147	36,566,346,996	1,437,057,437	(484,448,902)	-	37,518,955,530
2148	37,518,955,530	1,474,494,952	(502,983,931)	-	38,490,466,552
2149	38,490,466,552	1,512,675,336	(518,488,526)	-	39,484,653,362
2150	39,484,653,362	1,551,746,877	(536,415,795)	-	40,499,984,444
2151	40,499,984,444	1,591,649,389	(554,977,973)	-	41,536,655,859
2152	41,536,655,859	1,632,390,575	(576,291,549)	-	42,592,754,885
2153	42,592,754,885	1,673,895,267	(594,098,399)	-	43,672,551,753
2154	43,672,551,753	1,716,331,284	(614,704,681)	-	44,774,178,356
2155	44,774,178,356	1,759,625,209	(636,042,461)	-	45,897,761,105
2156	45,897,761,105	1,803,782,011	(660,559,170)	-	47,040,983,946

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

2157	47,040,983,946	1,848,710,669	(681,017,555)	-	48,208,677,060
2158	48,208,677,060	1,894,601,008	(2,110,724,076)	-	47,992,553,992
2159	47,992,553,992	1,886,107,372	(729,247,420)	-	49,149,413,944
2160	49,149,413,944	1,931,571,968	(757,457,918)	-	50,323,527,995
2161	50,323,527,995	1,977,714,650	(780,971,071)	-	51,520,271,574
2162	51,520,271,574	2,024,746,673	(808,222,993)	-	52,736,795,254
2163	52,736,795,254	2,072,556,053	(1,664,774,781)	-	53,144,576,526
2164	53,144,576,526	2,088,581,857	(868,916,824)	-	54,364,241,559
2165	54,364,241,559	2,136,514,693	(895,950,830)	-	55,604,805,423
2166	55,604,805,423	2,185,268,853	(1,110,175,134)	-	56,679,899,142
2167	56,679,899,142	2,227,520,036	(959,780,761)	-	57,947,638,417
2168	57,947,638,417	2,277,342,190	(3,927,610,515)	-	56,297,370,092
2169	56,297,370,092	2,212,486,645	(1,028,256,854)	-	57,481,599,882
2170	57,481,599,882	2,259,026,875	(1,064,343,574)	-	58,676,283,184
2171	58,676,283,184	2,305,977,929	(1,101,722,031)	-	59,880,539,082
2172	59,880,539,082	2,353,305,186	(1,144,776,887)	-	61,089,067,380
2173	61,089,067,380	2,400,800,348	(1,180,546,292)	-	62,309,321,436
2174	62,309,321,436	2,448,756,332	(1,222,091,347)	-	63,535,986,421
2175	63,535,986,421	2,496,964,266	(1,265,126,940)	-	64,767,823,748
2176	64,767,823,748	2,545,375,473	(1,314,725,349)	-	65,998,473,872
2177	65,998,473,872	2,593,740,023	(1,355,890,254)	-	67,236,323,641
2178	67,236,323,641	2,642,387,519	(1,403,732,507)	-	68,474,978,653
2179	68,474,978,653	2,691,066,661	(1,453,295,401)	-	69,712,749,914
2180	69,712,749,914	2,739,711,072	(1,510,448,193)	-	70,942,012,792
2181	70,942,012,792	2,788,021,103	(1,557,835,585)	-	72,172,198,310
2182	72,172,198,310	2,836,367,394	(1,612,945,738)	-	73,395,619,966
2183	73,395,619,966	2,884,447,865	(1,670,041,735)	-	74,610,026,095
2184	74,610,026,095	2,932,174,026	(13,381,397,471)	-	64,160,802,650
2185	64,160,802,650	2,521,519,544	(1,790,483,270)	-	64,891,838,924
2186	64,891,838,924	2,550,249,270	(1,853,982,215)	-	65,588,105,979
2187	65,588,105,979	2,577,612,565	(1,919,774,159)	-	66,245,944,385
2188	66,245,944,385	2,603,465,614	(1,995,721,269)	-	66,853,688,731
2189	66,853,688,731	2,627,349,967	(2,058,573,098)	-	67,422,465,600
2190	67,422,465,600	2,649,702,898	(2,131,757,324)	-	67,940,411,175
2191	67,940,411,175	2,670,058,159	(2,207,588,713)	-	68,402,880,621
2192	68,402,880,621	2,688,233,208	(2,731,299,814)	-	68,359,814,015
2193	68,359,814,015	2,686,540,691	(3,157,018,106)	-	67,889,336,600
2194	67,889,336,600	2,668,050,928	(2,568,604,349)	-	67,988,783,179
2195	67,988,783,179	2,671,959,179	(3,263,360,721)	-	67,397,381,637
2196	67,397,381,637	2,648,717,098	(3,638,934,779)	-	66,407,163,956
2197	66,407,163,956	2,609,801,543	(1,549,561,870)	-	67,467,403,630
2198	67,467,403,630	2,651,468,963	(1,606,361,170)	-	68,512,511,423
2199	68,512,511,423	2,692,541,699	(1,665,261,623)	-	69,539,791,499
2200	69,539,791,499	2,732,913,806	(1,726,341,366)	-	70,546,363,938
2201	70,546,363,938	2,772,472,103	(1,789,681,946)	-	71,529,154,095
2202	71,529,154,095	2,811,095,756	(1,855,367,215)	-	72,484,882,636
2203	72,484,882,636	2,848,655,888	(1,923,484,989)	-	73,410,053,534
2204	73,410,053,534	2,885,015,104	(2,008,101,554)	-	74,286,967,084

**Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method**

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**Proposed**

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**EXTERNAL FUND CALCULATION**

2205	74,286,967,084	2,919,477,806	(2,067,382,801)	-	75,139,062,090
2206	75,139,062,090	2,952,965,140	(2,143,354,537)	-	75,948,672,692
2207	75,948,672,692	2,984,782,837	(2,222,141,747)	-	76,711,313,782
2208	76,711,313,782	3,014,754,632	(10,568,350,057)	-	69,157,718,357
2209	69,157,718,357	2,717,898,331	(2,388,587,282)	-	69,487,029,407
2210	69,487,029,407	2,730,840,256	(2,476,467,315)	-	69,741,402,347
2211	69,741,402,347	2,740,837,112	(2,567,606,955)	-	69,914,632,504
2212	69,914,632,504	2,747,645,057	(2,680,870,384)	-	69,981,407,177
2213	69,981,407,177	2,750,269,302	(7,208,976,432)	-	65,522,700,047
2214	65,522,700,047	2,575,042,112	(2,861,823,358)	-	65,235,918,801
2215	65,235,918,801	2,563,771,609	(2,967,264,540)	-	64,832,425,870
2216	64,832,425,870	2,547,914,337	(4,084,626,821)	-	63,295,713,385
2217	63,295,713,385	2,487,521,536	(3,190,038,317)	-	62,593,196,604
2218	62,593,196,604	2,459,912,627	(18,861,956,392)	-	46,191,152,839
2219	46,191,152,839	1,815,312,307	(4,377,074,330)	-	43,629,390,815
2220	43,629,390,815	1,714,635,059	(4,398,525,569)	-	40,945,500,305
2221	40,945,500,305	1,609,158,162	(4,533,288,092)	-	38,021,370,376
2222	38,021,370,376	1,494,239,856	(4,699,096,899)	-	34,816,513,333
2223	34,816,513,333	1,368,288,974	(5,052,289,919)	-	31,132,512,388
2224	31,132,512,388	1,223,507,737	(5,078,437,054)	-	27,277,583,071
2225	27,277,583,071	1,072,009,015	(5,234,189,399)	-	23,115,402,686
2226	23,115,402,686	908,435,326	(5,425,897,095)	-	18,597,940,916
2227	18,597,940,916	730,899,078	(5,832,844,051)	-	13,495,995,943
2228	13,495,995,943	530,392,641	(5,864,574,052)	-	8,161,814,531
2229	8,161,814,531	320,759,311	(6,044,613,263)	-	2,437,960,580
2230	2,437,960,580	95,811,851	(6,448,880,817)	-	(3,915,108,386)
2231	(3,915,108,386)	(153,863,760)	4,068,972,146	-	(0)

**Xcel Energy**  
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**Proposed**

**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 1**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$437,068,622	\$8,916,451	\$0	\$24,632	\$446,009,705
2021	446,009,705	18,450,150	-	12,399,703	476,859,558
2022	476,859,558	20,521,660	-	52,244,607	549,625,825
2023	549,625,825	23,490,524	-	52,244,607	625,360,956
2024	625,360,956	26,580,517	-	52,244,607	704,186,080
2025	704,186,080	29,796,582	-	52,244,607	786,227,270
2026	786,227,270	33,143,863	-	52,244,607	871,615,739
2027	871,615,739	36,627,712	-	52,244,607	960,488,059
2028	960,488,059	40,253,703	-	52,244,607	1,052,986,369
2029	1,052,986,369	44,027,634	-	52,244,607	1,149,258,610
2030	1,149,258,610	47,955,541	-	52,244,607	1,249,458,758
2031	1,249,458,758	52,043,707	-	52,244,607	1,353,747,073
2032	1,353,747,073	56,298,671	-	52,244,607	1,462,290,351
2033	1,462,290,351	57,859,879	(27,737,690)	35,003,887	1,527,416,426
2034	1,527,416,426	59,721,982	(91,655,683)	-	1,495,482,725
2035	1,495,482,725	58,473,375	(38,240,833)	-	1,515,715,267
2036	1,515,715,267	59,264,467	(32,427,290)	-	1,542,552,444
2037	1,542,552,444	60,313,801	(56,839,697)	-	1,546,026,547
2038	1,546,026,547	60,449,638	(95,680,083)	-	1,510,796,102
2039	1,510,796,102	59,072,128	(12,019,785)	-	1,557,848,444
2040	1,557,848,444	60,911,874	(12,437,991)	-	1,606,322,327
2041	1,606,322,327	62,807,203	(8,965,162)	-	1,660,164,367
2042	1,660,164,367	64,912,427	(9,223,672)	-	1,715,853,122
2043	1,715,853,122	67,089,857	(9,490,857)	-	1,773,452,122
2044	1,773,452,122	69,341,978	(9,816,015)	-	1,832,978,085
2045	1,832,978,085	71,669,443	(19,106,107)	-	1,885,541,422
2046	1,885,541,422	73,724,670	(16,560,442)	-	1,942,705,649
2047	1,942,705,649	75,959,791	(17,048,852)	-	2,001,616,588
2048	2,001,616,588	78,263,209	(11,021,942)	-	2,068,857,854
2049	2,068,857,854	80,892,342	(18,072,650)	-	2,131,677,546
2050	2,131,677,546	83,348,592	(22,100,796)	-	2,192,925,342
2051	2,192,925,342	85,743,381	(22,368,468)	-	2,256,300,255
2052	2,256,300,255	88,221,340	(23,501,182)	-	2,321,020,413
2053	2,321,020,413	90,751,898	(12,705,169)	-	2,399,067,143
2054	2,399,067,143	93,803,525	(13,088,721)	-	2,479,781,947
2055	2,479,781,947	96,959,474	(25,609,575)	-	2,551,131,845
2056	2,551,131,845	99,749,255	(22,290,247)	-	2,628,590,854
2057	2,628,590,854	102,777,902	(22,890,710)	-	2,708,478,046
2058	2,708,478,046	105,901,492	(14,756,355)	-	2,799,623,183
2059	2,799,623,183	109,465,266	(23,807,673)	-	2,885,280,777
2060	2,885,280,777	112,814,478	(25,122,551)	-	2,972,972,704

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
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**EXTERNAL FUND CALCULATION**

2061	2,972,972,704	116,243,233	(25,805,168)	-	3,063,410,769
2062	3,063,410,769	119,779,361	(16,660,849)	-	3,166,529,281
2063	3,166,529,281	123,811,295	(47,875,368)	-	3,242,465,207
2064	3,242,465,207	126,780,390	(38,312,329)	-	3,330,933,268
2065	3,330,933,268	130,239,491	(29,122,417)	-	3,432,050,342
2066	3,432,050,342	134,193,168	(18,836,435)	-	3,547,407,075
2067	3,547,407,075	138,703,617	(19,427,343)	-	3,666,683,349
2068	3,666,683,349	143,367,319	(43,881,246)	-	3,766,169,422
2069	3,766,169,422	147,257,224	(39,011,837)	-	3,874,414,809
2070	3,874,414,809	151,489,619	(21,323,341)	-	4,004,581,086
2071	4,004,581,086	156,579,120	(21,998,831)	-	4,139,161,376
2072	4,139,161,376	161,841,210	(55,522,421)	-	4,245,480,165
2073	4,245,480,165	165,998,274	(23,420,100)	-	4,388,058,340
2074	4,388,058,340	171,573,081	(24,167,492)	-	4,535,463,929
2075	4,535,463,929	177,336,640	(66,725,963)	-	4,646,074,606
2076	4,646,074,606	181,661,517	(25,875,112)	-	4,801,861,011
2077	4,801,861,011	187,752,766	(26,566,080)	-	4,963,047,696
2078	4,963,047,696	194,055,165	(67,440,014)	-	5,089,662,848
2079	5,089,662,848	199,005,817	(28,305,486)	-	5,260,363,179
2080	5,260,363,179	205,680,200	(29,374,603)	-	5,436,668,776
2081	5,436,668,776	212,573,749	(30,166,584)	-	5,619,075,941
2082	5,619,075,941	219,705,869	(74,331,622)	-	5,764,450,188
2083	5,764,450,188	225,390,002	(32,157,932)	-	5,957,682,258
2084	5,957,682,258	232,945,376	(33,381,105)	-	6,157,246,530
2085	6,157,246,530	240,748,339	(34,288,833)	-	6,363,706,036
2086	6,363,706,036	248,820,906	(35,409,859)	-	6,577,117,083
2087	6,577,117,083	257,165,278	(255,497,883)	-	6,578,784,478
2088	6,578,784,478	257,230,473	(830,125,572)	-	6,005,889,380
2089	6,005,889,380	234,830,275	(803,782,843)	-	5,436,936,811
2090	5,436,936,811	212,584,229	(594,634,345)	-	5,054,886,696
2091	5,054,886,696	197,646,070	(516,409,184)	-	4,736,123,582
2092	4,736,123,582	185,182,432	(84,364,217)	-	4,836,941,797
2093	4,836,941,797	189,124,424	(236,976,456)	-	4,789,089,765
2094	4,789,089,765	187,253,410	(205,790,782)	-	4,770,552,393
2095	4,770,552,393	186,528,599	(201,576,927)	-	4,755,504,065
2096	4,755,504,065	185,940,209	(55,620,905)	-	4,885,823,369
2097	4,885,823,369	191,035,694	(57,205,571)	-	5,019,653,492
2098	5,019,653,492	196,268,452	(29,526,939)	-	5,186,395,005
2099	5,186,395,005	202,788,045	(60,892,346)	-	5,328,290,703
2100	5,328,290,703	208,336,167	(78,510,034)	-	5,458,116,836
2101	5,458,116,836	213,412,368	(81,001,475)	-	5,590,527,729
2102	5,590,527,729	218,589,634	(83,575,647)	-	5,725,541,716
2103	5,725,541,716	223,868,681	(34,628,073)	-	5,914,782,324
2104	5,914,782,324	231,267,989	(35,978,836)	-	6,110,071,477
2105	6,110,071,477	238,903,795	(91,823,218)	-	6,257,152,054
2106	6,257,152,054	244,654,645	(75,881,855)	-	6,425,924,844
2107	6,425,924,844	251,253,661	(78,319,834)	-	6,598,858,671
2108	6,598,858,671	258,015,374	(40,925,086)	-	6,815,948,958

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<i>External Levelized</i>	2109	6,815,948,958	266,503,604	(83,444,379)	-	6,999,008,184
	2110	6,999,008,184	273,661,220	(86,136,713)	-	7,186,532,691
	2111	7,186,532,691	280,993,428	(88,919,658)	-	7,378,606,461
	2112	7,378,606,461	288,503,513	(46,591,572)	-	7,620,518,402
	2113	7,620,518,402	297,962,270	(188,652,906)	-	7,729,827,766
	2114	7,729,827,766	302,236,266	(146,276,654)	-	7,885,787,377
	2115	7,885,787,377	308,334,286	(118,778,854)	-	8,075,342,810
	2116	8,075,342,810	315,745,904	(53,085,603)	-	8,338,003,111
	2117	8,338,003,111	326,015,922	(54,504,474)	-	8,609,514,559
	2118	8,609,514,559	336,632,019	(166,120,261)	-	8,780,026,318
	2119	8,780,026,318	343,299,029	(143,178,890)	-	8,980,146,457
	2120	8,980,146,457	351,123,726	(60,531,451)	-	9,270,738,733
	2121	9,270,738,733	362,485,884	(62,158,292)	-	9,571,066,326
	2122	9,571,066,326	374,228,693	(219,905,592)	-	9,725,389,427
	2123	9,725,389,427	380,262,727	(66,397,363)	-	10,039,254,791
	2124	10,039,254,791	392,534,862	(69,071,844)	-	10,362,717,810
	2125	10,362,717,810	405,182,266	(242,077,610)	-	10,525,822,466
	2126	10,525,822,466	411,559,658	(73,328,014)	-	10,864,054,110
	2127	10,864,054,110	424,784,516	(75,801,760)	-	11,213,036,866
	2128	11,213,036,866	438,429,741	(267,082,541)	-	11,384,384,066
	2129	11,384,384,066	445,129,417	(81,012,766)	-	11,748,500,717
	2130	11,748,500,717	459,366,378	(83,756,151)	-	12,124,110,944
	2131	12,124,110,944	474,052,738	(86,595,870)	-	12,511,567,812
	2132	12,511,567,812	489,202,301	(303,871,103)	-	12,696,899,010
	2133	12,696,899,010	496,448,751	(92,578,429)	-	13,100,769,333
	2134	13,100,769,333	512,240,081	(95,728,383)	-	13,517,281,031
	2135	13,517,281,031	528,525,688	(98,989,534)	-	13,946,817,185
	2136	13,946,817,185	545,320,552	(103,037,778)	-	14,389,099,959
2137	14,389,099,959	562,613,808	(105,860,447)	-	14,845,853,321	
2138	14,845,853,321	580,472,865	(1,663,257,316)	-	13,763,068,870	
2139	13,763,068,870	538,135,993	(113,224,900)	-	14,187,979,962	
2140	14,187,979,962	554,750,017	(117,876,464)	-	14,624,853,515	
2141	14,624,853,515	571,831,772	(121,118,898)	-	15,075,566,389	
2142	15,075,566,389	589,454,646	(125,276,675)	-	15,539,744,360	
2143	15,539,744,360	607,604,004	(129,581,556)	-	16,017,766,809	
2144	16,017,766,809	626,294,682	(134,928,178)	-	16,509,133,313	
2145	16,509,133,313	645,507,113	(333,307,991)	-	16,821,332,434	
2146	16,821,332,434	657,714,098	(277,466,221)	-	17,201,580,312	
2147	17,201,580,312	672,581,790	(286,822,888)	-	17,587,339,214	
2148	17,587,339,214	687,664,963	(154,529,919)	-	18,120,474,258	
2149	18,120,474,258	708,510,543	(306,524,651)	-	18,522,460,150	
2150	18,522,460,150	724,228,192	(393,184,482)	-	18,853,503,860	
2151	18,853,503,860	737,172,001	(406,433,392)	-	19,184,242,469	
2152	19,184,242,469	750,103,881	(421,319,862)	-	19,513,026,487	
2153	19,513,026,487	762,959,336	(181,996,101)	-	20,093,989,722	
2154	20,093,989,722	785,674,998	(188,316,870)	-	20,691,347,850	
2155	20,691,347,850	809,031,701	(527,993,336)	-	20,972,386,215	
2156	20,972,386,215	820,020,301	(388,513,064)	-	21,403,893,452	

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2157	21,403,893,452	836,892,234	(400,342,180)	-	21,840,443,506
2158	21,840,443,506	853,961,341	(215,937,357)	-	22,478,467,489
2159	22,478,467,489	878,908,079	(428,114,309)	-	22,929,261,259
2160	22,929,261,259	896,534,115	(444,296,424)	-	23,381,498,950
2161	23,381,498,950	914,216,609	(457,868,919)	-	23,837,846,640
2162	23,837,846,640	932,059,804	(247,723,348)	-	24,522,183,095
2163	24,522,183,095	958,817,359	(956,465,997)	-	24,524,534,457
2164	24,524,534,457	958,909,297	(749,499,244)	-	24,733,944,510
2165	24,733,944,510	967,097,230	(523,915,455)	-	25,177,126,285
2166	25,177,126,285	984,425,638	(284,314,391)	-	25,877,237,532
2167	25,877,237,532	1,011,799,987	(294,296,981)	-	26,594,740,538
2168	26,594,740,538	1,039,854,355	(857,053,424)	-	26,777,541,469
2169	26,777,541,469	1,047,001,871	(741,981,175)	-	27,082,562,166
2170	27,082,562,166	1,058,928,181	(326,448,887)	-	27,815,041,460
2171	27,815,041,460	1,087,568,121	(337,945,817)	-	28,564,663,764
2172	28,564,663,764	1,116,878,353	(1,137,571,035)	-	28,543,971,082
2173	28,543,971,082	1,116,069,269	(362,196,181)	-	29,297,844,170
2174	29,297,844,170	1,145,545,707	(374,980,388)	-	30,068,409,490
2175	30,068,409,490	1,175,674,811	(1,255,822,132)	-	29,988,262,169
2176	29,988,262,169	1,172,541,051	(404,700,775)	-	30,756,102,445
2177	30,756,102,445	1,202,563,606	(416,165,016)	-	31,542,501,035
2178	31,542,501,035	1,233,311,790	(1,389,640,335)	-	31,386,172,490
2179	31,386,172,490	1,227,199,344	(446,157,985)	-	32,167,213,850
2180	32,167,213,850	1,257,738,062	(465,146,539)	-	32,959,805,372
2181	32,959,805,372	1,288,728,390	(478,357,043)	-	33,770,176,719
2182	33,770,176,719	1,320,413,910	(1,591,130,102)	-	33,499,460,526
2183	33,499,460,526	1,309,828,907	(512,926,831)	-	34,296,362,602
2184	34,296,362,602	1,340,987,778	(534,817,232)	-	35,102,533,147
2185	35,102,533,147	1,372,509,046	(550,043,998)	-	35,924,998,196
2186	35,924,998,196	1,404,667,429	(569,616,748)	-	36,760,048,877
2187	36,760,048,877	1,437,317,911	(589,898,971)	-	37,607,467,817
2188	37,607,467,817	1,470,451,992	(8,655,924,008)	-	30,421,995,800
2189	30,421,995,800	1,189,500,036	(632,696,164)	-	30,978,799,672
2190	30,978,799,672	1,211,271,067	(655,266,115)	-	31,534,804,624
2191	31,534,804,624	1,233,010,861	(678,655,451)	-	32,089,160,034
2192	32,089,160,034	1,254,686,157	(707,768,753)	-	32,636,077,438
2193	32,636,077,438	1,276,070,628	(793,049,110)	-	33,119,098,956
2194	33,119,098,956	1,294,956,769	(922,222,189)	-	33,491,833,536
2195	33,491,833,536	1,309,530,691	(2,214,399,512)	-	32,586,964,716
2196	32,586,964,716	1,274,150,320	(1,732,731,388)	-	32,128,383,648
2197	32,128,383,648	1,256,219,801	(1,676,023,518)	-	31,708,579,931
2198	31,708,579,931	1,239,805,475	(1,137,586,732)	-	31,810,798,675
2199	31,810,798,675	1,243,802,228	(1,795,991,513)	-	31,258,609,389
2200	31,258,609,389	1,222,211,627	(2,220,099,230)	-	30,260,721,786
2201	30,260,721,786	1,183,194,222	(2,426,001,310)	-	29,017,914,698
2202	29,017,914,698	1,134,600,465	(2,511,195,537)	-	27,641,319,626
2203	27,641,319,626	1,080,775,597	(1,172,326,464)	-	27,549,768,759
2204	27,549,768,759	1,077,195,958	(1,269,024,367)	-	27,357,940,351

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**EXTERNAL FUND CALCULATION**

2205	27,357,940,351	1,069,695,468	(2,736,685,589)	-	25,690,950,230
2206	25,690,950,230	1,004,516,154	(2,289,310,476)	-	24,406,155,908
2207	24,406,155,908	954,280,696	(2,422,601,223)	-	22,937,835,381
2208	22,937,835,381	896,869,363	(1,460,829,942)	-	22,373,874,802
2209	22,373,874,802	874,818,505	(2,541,104,128)	-	20,707,589,179
2210	20,707,589,179	809,666,737	(2,689,123,989)	-	18,828,131,927
2211	18,828,131,927	736,179,958	(2,784,449,461)	-	16,779,862,424
2212	16,779,862,424	656,092,621	(1,682,134,069)	-	15,753,820,976
2213	15,753,820,976	615,974,400	(5,492,202,383)	-	10,877,592,993
2214	10,877,592,993	425,313,886	(4,388,654,289)	-	6,914,252,590
2215	6,914,252,590	270,347,276	(3,201,443,751)	-	3,983,156,115
2216	3,983,156,115	155,741,404	(1,937,528,803)	-	2,201,368,717
2217	2,201,368,717	86,073,517	(3,265,673,112)	-	(978,230,878)
2218	(978,230,878)	(38,248,827)	1,016,479,705	-	(0)

**Xcel Energy**  
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**EXTERNAL FUND CALCULATION**

**Prairie Island Unit 2**

	Beginning Balance	Assumed Interest	Decommissioning Payment	Annuity	Ending Balance
2020	\$487,163,479	\$9,916,775	\$0	\$294,670	\$497,374,925
2021	497,374,925	20,375,671	-	6,511,608	524,262,204
2022	524,262,204	22,265,086	-	45,582,991	592,110,280
2023	592,110,280	25,026,502	-	45,582,991	662,719,773
2024	662,719,773	27,900,309	-	45,582,991	736,203,072
2025	736,203,072	30,891,079	-	45,582,991	812,677,142
2026	812,677,142	34,003,574	-	45,582,991	892,263,707
2027	892,263,707	37,242,747	-	45,582,991	975,089,444
2028	975,089,444	40,613,754	-	45,582,991	1,061,286,189
2029	1,061,286,189	44,121,962	-	45,582,991	1,150,991,142
2030	1,150,991,142	47,772,953	-	45,582,991	1,244,347,086
2031	1,244,347,086	51,572,540	-	45,582,991	1,341,502,617
2032	1,341,502,617	55,526,770	-	45,582,991	1,442,612,378
2033	1,442,612,378	59,641,938	-	45,582,991	1,547,837,307
2034	1,547,837,307	61,260,091	(12,970,759)	37,833,882	1,633,960,521
2035	1,633,960,521	63,887,856	(95,346,200)	-	1,602,502,177
2036	1,602,502,177	62,657,835	(60,159,977)	-	1,605,000,035
2037	1,605,000,035	62,755,501	(62,182,961)	-	1,605,572,576
2038	1,605,572,576	62,777,888	(100,280,838)	-	1,568,069,626
2039	1,568,069,626	61,311,522	(12,109,698)	-	1,617,271,450
2040	1,617,271,450	63,235,314	(12,531,470)	-	1,667,975,294
2041	1,667,975,294	65,217,834	(12,878,998)	-	1,720,314,129
2042	1,720,314,129	67,264,282	(9,323,884)	-	1,778,254,527
2043	1,778,254,527	69,529,752	(9,594,762)	-	1,838,189,518
2044	1,838,189,518	71,873,210	(9,924,046)	-	1,900,138,682
2045	1,900,138,682	74,295,422	(19,217,815)	-	1,955,216,290
2046	1,955,216,290	76,448,957	(16,676,266)	-	2,014,988,980
2047	2,014,988,980	78,786,069	(17,168,949)	-	2,076,606,101
2048	2,076,606,101	81,195,299	(11,146,813)	-	2,146,654,586
2049	2,146,654,586	83,934,194	(18,201,775)	-	2,212,387,005
2050	2,212,387,005	86,504,332	(22,234,688)	-	2,276,656,649
2051	2,276,656,649	89,017,275	(22,507,302)	-	2,343,166,622
2052	2,343,166,622	91,617,815	(23,645,538)	-	2,411,138,899
2053	2,411,138,899	94,275,531	(12,854,447)	-	2,492,559,984
2054	2,492,559,984	97,459,095	(13,243,515)	-	2,576,775,564
2055	2,576,775,564	100,751,925	(25,770,092)	-	2,651,757,396
2056	2,651,757,396	103,683,714	(22,457,153)	-	2,732,983,957
2057	2,732,983,957	106,859,673	(23,063,314)	-	2,816,780,316
2058	2,816,780,316	110,136,110	(14,935,343)	-	2,911,981,083
2059	2,911,981,083	113,858,460	(23,993,282)	-	3,001,846,261
2060	3,001,846,261	117,372,189	(25,315,558)	-	3,093,902,892

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2061	3,093,902,892	120,971,603	(26,004,769)	-	3,188,869,725
2062	3,188,869,725	124,684,806	(16,867,843)	-	3,296,686,689
2063	3,296,686,689	128,900,450	(48,090,027)	-	3,377,497,111
2064	3,377,497,111	132,060,137	(38,535,546)	-	3,471,021,703
2065	3,471,021,703	135,716,949	(29,353,274)	-	3,577,385,378
2066	3,577,385,378	139,875,768	(19,075,843)	-	3,698,185,303
2067	3,698,185,303	144,599,045	(19,675,624)	-	3,823,108,724
2068	3,823,108,724	149,483,551	(44,139,438)	-	3,928,452,837
2069	3,928,452,837	153,602,506	(39,278,868)	-	4,042,776,476
2070	4,042,776,476	158,072,560	(21,600,276)	-	4,179,248,760
2071	4,179,248,760	163,408,627	(22,286,036)	-	4,320,371,350
2072	4,320,371,350	168,926,520	(55,821,101)	-	4,433,476,769
2073	4,433,476,769	173,348,942	(23,729,016)	-	4,583,096,694
2074	4,583,096,694	179,199,081	(24,487,875)	-	4,737,807,900
2075	4,737,807,900	185,248,289	(67,058,241)	-	4,855,997,948
2076	4,855,997,948	189,869,520	(26,220,672)	-	5,019,646,795
2077	5,019,646,795	196,268,190	(26,923,493)	-	5,188,991,493
2078	5,188,991,493	202,889,567	(67,810,704)	-	5,324,070,356
2079	5,324,070,356	208,171,151	(28,689,945)	-	5,503,551,562
2080	5,503,551,562	215,188,866	(29,774,445)	-	5,688,965,983
2081	5,688,965,983	222,438,570	(30,580,153)	-	5,880,824,401
2082	5,880,824,401	229,940,234	(74,760,564)	-	6,036,004,071
2083	6,036,004,071	236,007,759	(32,602,822)	-	6,239,409,008
2084	6,239,409,008	243,960,892	(33,843,804)	-	6,449,526,095
2085	6,449,526,095	252,176,470	(34,767,428)	-	6,666,935,137
2086	6,666,935,137	260,677,164	(35,906,259)	-	6,891,706,042
2087	6,891,706,042	269,465,706	(37,084,462)	-	7,124,087,287
2088	7,124,087,287	278,551,813	(573,742,463)	-	6,828,896,637
2089	6,828,896,637	267,009,859	(442,336,032)	-	6,653,570,464
2090	6,653,570,464	260,154,605	(833,538,702)	-	6,080,186,367
2091	6,080,186,367	237,735,287	(784,428,794)	-	5,533,492,860
2092	5,533,492,860	216,359,571	(737,801,184)	-	5,012,051,247
2093	5,012,051,247	195,971,204	(307,351,000)	-	4,900,671,450
2094	4,900,671,450	191,616,254	(273,282,164)	-	4,819,005,540
2095	4,819,005,540	188,423,117	(251,925,062)	-	4,755,503,594
2096	4,755,503,594	185,940,191	(55,620,901)	-	4,885,822,884
2097	4,885,822,884	191,035,675	(57,205,566)	-	5,019,652,993
2098	5,019,652,993	196,268,432	(29,526,934)	-	5,186,394,491
2099	5,186,394,491	202,788,025	(60,892,341)	-	5,328,290,174
2100	5,328,290,174	208,336,146	(78,510,029)	-	5,458,116,291
2101	5,458,116,291	213,412,347	(81,001,470)	-	5,590,527,168
2102	5,590,527,168	218,589,612	(83,575,642)	-	5,725,541,139
2103	5,725,541,139	223,868,659	(34,628,068)	-	5,914,781,729
2104	5,914,781,729	231,267,966	(35,978,830)	-	6,110,070,865
2105	6,110,070,865	238,903,771	(91,823,212)	-	6,257,151,423
2106	6,257,151,423	244,654,621	(75,881,849)	-	6,425,924,195
2107	6,425,924,195	251,253,636	(78,319,828)	-	6,598,858,003
2108	6,598,858,003	258,015,348	(40,925,080)	-	6,815,948,272

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
**DECON Method**

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**Proposed**

**EXTERNAL FUND CALCULATION**

*External Levelized*

2109	6,815,948,272	266,503,577	(83,444,372)	-	6,999,007,477
2110	6,999,007,477	273,661,192	(86,136,706)	-	7,186,531,964
2111	7,186,531,964	280,993,400	(88,919,651)	-	7,378,605,713
2112	7,378,605,713	288,503,483	(46,591,564)	-	7,620,517,632
2113	7,620,517,632	297,962,239	(188,652,898)	-	7,729,826,974
2114	7,729,826,974	302,236,235	(146,276,646)	-	7,885,786,563
2115	7,885,786,563	308,334,255	(118,778,845)	-	8,075,341,972
2116	8,075,341,972	315,745,871	(53,085,594)	-	8,338,002,250
2117	8,338,002,250	326,015,888	(54,504,464)	-	8,609,513,674
2118	8,609,513,674	336,631,985	(166,120,251)	-	8,780,025,407
2119	8,780,025,407	343,298,993	(143,178,880)	-	8,980,145,521
2120	8,980,145,521	351,123,690	(60,531,440)	-	9,270,737,771
2121	9,270,737,771	362,485,847	(62,158,281)	-	9,571,065,337
2122	9,571,065,337	374,228,655	(219,905,581)	-	9,725,388,411
2123	9,725,388,411	380,262,687	(66,397,351)	-	10,039,253,746
2124	10,039,253,746	392,534,821	(69,071,832)	-	10,362,716,736
2125	10,362,716,736	405,182,224	(242,077,597)	-	10,525,821,363
2126	10,525,821,363	411,559,615	(73,328,001)	-	10,864,052,977
2127	10,864,052,977	424,784,471	(75,801,746)	-	11,213,035,702
2128	11,213,035,702	438,429,696	(267,082,527)	-	11,384,382,871
2129	11,384,382,871	445,129,370	(81,012,752)	-	11,748,499,490
2130	11,748,499,490	459,366,330	(83,756,136)	-	12,124,109,684
2131	12,124,109,684	474,052,689	(86,595,854)	-	12,511,566,518
2132	12,511,566,518	489,202,251	(303,871,087)	-	12,696,897,682
2133	12,696,897,682	496,448,699	(92,578,412)	-	13,100,767,970
2134	13,100,767,970	512,240,028	(95,728,365)	-	13,517,279,632
2135	13,517,279,632	528,525,634	(98,989,516)	-	13,946,815,750
2136	13,946,815,750	545,320,496	(103,037,759)	-	14,389,098,486
2137	14,389,098,486	562,613,751	(105,860,427)	-	14,845,851,810
2138	14,845,851,810	580,472,806	(1,663,257,295)	-	13,763,067,320
2139	13,763,067,320	538,135,932	(113,224,879)	-	14,187,978,373
2140	14,187,978,373	554,749,954	(117,876,442)	-	14,624,851,885
2141	14,624,851,885	571,831,709	(121,118,875)	-	15,075,564,719
2142	15,075,564,719	589,454,581	(125,276,651)	-	15,539,742,648
2143	15,539,742,648	607,603,938	(129,581,531)	-	16,017,765,055
2144	16,017,765,055	626,294,614	(134,928,153)	-	16,509,131,515
2145	16,509,131,515	645,507,042	(333,307,965)	-	16,821,330,593
2146	16,821,330,593	657,714,026	(277,466,194)	-	17,201,578,426
2147	17,201,578,426	672,581,716	(286,822,860)	-	17,587,337,282
2148	17,587,337,282	687,664,888	(154,529,890)	-	18,120,472,280
2149	18,120,472,280	708,510,466	(306,524,621)	-	18,522,458,126
2150	18,522,458,126	724,228,113	(393,184,450)	-	18,853,501,789
2151	18,853,501,789	737,171,920	(406,433,359)	-	19,184,240,350
2152	19,184,240,350	750,103,798	(421,319,828)	-	19,513,024,319
2153	19,513,024,319	762,959,251	(181,996,065)	-	20,093,987,505
2154	20,093,987,505	785,674,911	(188,316,833)	-	20,691,345,583
2155	20,691,345,583	809,031,612	(527,993,298)	-	20,972,383,897
2156	20,972,383,897	820,020,210	(388,513,025)	-	21,403,891,083

**Xcel Energy**  
**Nuclear Decommissioning Accrual**  
**200-Year Decommissioning Period**  
**DECON Method**

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**Proposed**

**EXTERNAL FUND CALCULATION**

2157	21,403,891,083	836,892,141	(400,342,139)	-	21,840,441,086
2158	21,840,441,086	853,961,246	(215,937,315)	-	22,478,465,017
2159	22,478,465,017	878,907,982	(428,114,265)	-	22,929,258,735
2160	22,929,258,735	896,534,017	(444,296,378)	-	23,381,496,373
2161	23,381,496,373	914,216,508	(457,868,871)	-	23,837,844,010
2162	23,837,844,010	932,059,701	(247,723,298)	-	24,522,180,412
2163	24,522,180,412	958,817,254	(956,465,946)	-	24,524,531,721
2164	24,524,531,721	958,909,190	(749,499,190)	-	24,733,941,720
2165	24,733,941,720	967,097,121	(523,915,400)	-	25,177,123,442
2166	25,177,123,442	984,425,527	(284,314,333)	-	25,877,234,635
2167	25,877,234,635	1,011,799,874	(294,296,921)	-	26,594,737,587
2168	26,594,737,587	1,039,854,240	(857,053,362)	-	26,777,538,465
2169	26,777,538,465	1,047,001,754	(741,981,110)	-	27,082,559,109
2170	27,082,559,109	1,058,928,061	(326,448,820)	-	27,815,038,350
2171	27,815,038,350	1,087,568,000	(337,945,748)	-	28,564,660,602
2172	28,564,660,602	1,116,878,230	(1,137,570,963)	-	28,543,967,868
2173	28,543,967,868	1,116,069,144	(362,196,106)	-	29,297,840,905
2174	29,297,840,905	1,145,545,579	(374,980,310)	-	30,068,406,175
2175	30,068,406,175	1,175,674,681	(1,255,822,051)	-	29,988,258,805
2176	29,988,258,805	1,172,540,919	(404,700,692)	-	30,756,099,032
2177	30,756,099,032	1,202,563,472	(416,164,929)	-	31,542,497,575
2178	31,542,497,575	1,233,311,655	(1,389,640,245)	-	31,386,168,985
2179	31,386,168,985	1,227,199,207	(446,157,892)	-	32,167,210,301
2180	32,167,210,301	1,257,737,923	(465,146,443)	-	32,959,801,781
2181	32,959,801,781	1,288,728,250	(478,356,942)	-	33,770,173,088
2182	33,770,173,088	1,320,413,768	(1,591,129,998)	-	33,499,456,858
2183	33,499,456,858	1,309,828,763	(512,926,723)	-	34,296,358,898
2184	34,296,358,898	1,340,987,633	(534,817,120)	-	35,102,529,411
2185	35,102,529,411	1,372,508,900	(550,043,881)	-	35,924,994,430
2186	35,924,994,430	1,404,667,282	(569,616,627)	-	36,760,045,085
2187	36,760,045,085	1,437,317,763	(589,898,845)	-	37,607,464,002
2188	37,607,464,002	1,470,451,842	(8,655,923,878)	-	30,421,991,967
2189	30,421,991,967	1,189,499,886	(632,696,029)	-	30,978,795,824
2190	30,978,795,824	1,211,270,917	(655,265,975)	-	31,534,800,766
2191	31,534,800,766	1,233,010,710	(678,655,305)	-	32,089,156,171
2192	32,089,156,171	1,254,686,006	(707,768,602)	-	32,636,073,575
2193	32,636,073,575	1,276,070,477	(793,048,953)	-	33,119,095,098
2194	33,119,095,098	1,294,956,618	(922,222,027)	-	33,491,829,690
2195	33,491,829,690	1,309,530,541	(2,214,399,343)	-	32,586,960,888
2196	32,586,960,888	1,274,150,171	(1,732,731,212)	-	32,128,379,847
2197	32,128,379,847	1,256,219,652	(1,676,023,336)	-	31,708,576,163
2198	31,708,576,163	1,239,805,328	(1,137,586,543)	-	31,810,794,947
2199	31,810,794,947	1,243,802,082	(1,795,991,317)	-	31,258,605,713
2200	31,258,605,713	1,222,211,483	(2,220,099,027)	-	30,260,718,169
2201	30,260,718,169	1,183,194,080	(2,426,001,099)	-	29,017,911,150
2202	29,017,911,150	1,134,600,326	(2,511,195,318)	-	27,641,316,158
2203	27,641,316,158	1,080,775,462	(1,172,326,236)	-	27,549,765,384
2204	27,549,765,384	1,077,195,826	(1,269,024,131)	-	27,357,937,079

**Xcel Energy  
 Nuclear Decommissioning Accrual  
 200-Year Decommissioning Period  
 DECON Method**

**Docket No. E002/M-20-855  
 REVISED Schedule E.8  
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**Proposed**

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**EXTERNAL FUND CALCULATION**

2205	27,357,937,079	1,069,695,340	(2,736,685,344)	-	25,690,947,075
2206	25,690,947,075	1,004,516,031	(2,289,310,222)	-	24,406,152,884
2207	24,406,152,884	954,280,578	(2,422,600,959)	-	22,937,832,502
2208	22,937,832,502	896,869,251	(1,460,829,669)	-	22,373,872,084
2209	22,373,872,084	874,818,398	(2,541,103,844)	-	20,707,586,639
2210	20,707,586,639	809,666,638	(2,689,123,694)	-	18,828,129,582
2211	18,828,129,582	736,179,867	(2,784,449,155)	-	16,779,860,293
2212	16,779,860,293	656,092,537	(1,682,133,752)	-	15,753,819,079
2213	15,753,819,079	615,974,326	(5,492,202,054)	-	10,877,591,352
2214	10,877,591,352	425,313,822	(4,388,653,947)	-	6,914,251,226
2215	6,914,251,226	270,347,223	(3,201,443,396)	-	3,983,155,054
2216	3,983,155,054	155,741,363	(1,937,528,434)	-	2,201,367,982
2217	2,201,367,982	86,073,488	(3,265,672,729)	-	(978,231,260)
2218	(978,231,260)	(38,248,842)	1,016,480,101	-	(0)

### **CERTIFICATE OF SERVICE**

I, Mustafa Adam, hereby certify that I have this day served copies or summaries of the foregoing document on the attached list of persons.

- xx by depositing a true and correct copy thereof, properly enveloped with postage paid in the United States Mail at Minneapolis, Minnesota
- xx electronic filing

**Docket No.            E002/M-20-855**

Dated this 19<sup>th</sup> day of January 2021

/s/

---

Mustafa Adam  
Regulatory Administrator

First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
Sigurd W.	Anderson	mariner@eldinc.com	Engineering Lab Design	30910 716th St  Lake City, MN 55041	Electronic Service	No	OFF_SL_20-855_M-20-855
Alison C	Archer	aarcher@misoenergy.org	MISO	2985 Ames Crossing Rd  Eagan, MN 55121	Electronic Service	No	OFF_SL_20-855_M-20-855
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Sarah	Johnson Phillips	sarah.phillips@stoel.com	Stoel Rives LLP	33 South Sixth Street Suite 4200 Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-855_M-20-855

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Kavita	Maini	kmairi@wi.rr.com	KM Energy Consulting, LLC	961 N Lost Woods Rd  Oconomowoc, WI 53066	Electronic Service	No	OFF_SL_20-855_M-20-855
Pam	Marshall	pam@energycents.org	Energy CENTS Coalition	823 7th St E  St. Paul, MN 55106	Electronic Service	No	OFF_SL_20-855_M-20-855
Joseph	Meyer	joseph.meyer@ag.state.mn.us	Office of the Attorney General-RUD	Bremer Tower, Suite 1400 445 Minnesota Street St Paul, MN 55101-2131	Electronic Service	No	OFF_SL_20-855_M-20-855
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First Name	Last Name	Email	Company Name	Address	Delivery Method	View Trade Secret	Service List Name
David	Moeller	dmoeller@allete.com	Minnesota Power	30 W Superior St  Duluth, MN 558022093	Electronic Service	No	OFF_SL_20-855_M-20-855
Andrew	Moratzka	andrew.moratzka@stoel.com	Stoel Rives LLP	33 South Sixth St Ste 4200  Minneapolis, MN 55402	Electronic Service	No	OFF_SL_20-855_M-20-855
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Generic Notice	Residential Utilities Division	residential.utilities@ag.state.mn.us	Office of the Attorney General-RUD	1400 BRM Tower 445 Minnesota St St. Paul, MN 551012131	Electronic Service	Yes	OFF_SL_20-855_M-20-855
Kevin	Reuther	kreuther@mncenter.org	MN Center for Environmental Advocacy	26 E Exchange St, Ste 206  St. Paul, MN 551011667	Electronic Service	No	OFF_SL_20-855_M-20-855
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Will	Seuffert	Will.Seuffert@state.mn.us	Public Utilities Commission	121 7th PI E Ste 350  Saint Paul, MN 55101	Electronic Service	Yes	OFF_SL_20-855_M-20-855

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Thomas	Tynes	jjazyuka@energyfreedomcoalition.com	Energy Freedom Coalition of America	101 Constitution Ave NW Ste 525 East  Washington, DC 20001	Electronic Service	No	OFF_SL_20-855_M-20-855
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