Dominion Energy Nuclear Connecticut, Inc. 5000 Dominion Boulevard, Glen Allen, VA 23060 DominionEnergy.com



March 25, 2021

United States Nuclear Regulatory Commission Attention: Document Control Desk Washington, D. C. 20555-0001 Serial No.: 21-080 NRA/ENC: R0 Docket No.: 50-245 License No.: DPR-21

DOMINION ENERGY NUCLEAR CONNECTICUT, INC. MILLSTONE POWER STATION UNIT 1 DECOMMISSIONING FUNDING STATUS REPORT

Pursuant to 10 CFR 50.75(f)(1) and 10 CFR 50.82(a)(8)(v)-(vii), Dominion Energy Nuclear Connecticut, Inc. (DENC), is providing this report on the status of decommissioning funding for Millstone Power Station Unit 1 (MPS1).

Attachment 1 provides the following information for MPS1:

- Table I -Decommissioning Funding Status Report for MPS1Summary Information as of December 31, 2020
- Table II Decommissioning Funding Status Report for MPS1Annual Cash Flow Analysis Starting January 1, 2021 through Endof Decommissioning

The following information is provided in support and as part of this filing:

- The escalation of decommissioning costs from the Cost Study's 2019 dollars to 2021 dollars is 2.06% and is based upon the average of CPI-U rates, Bureau of Labor Statistics, FCPIU.US CPI: Consumer Price Index for All Urban Consumers, (Index 1982-84=100, SA) for that period.
- 2. The escalation rate of decommissioning costs, shown in Table II is 0% based on assuming a 2% Real Rate of Return.
- 3. The growth rate on Trust Funds is the allowed 2% Real Rate of Return over the escalation rate.
- 4. No rate regulatory authority citation for MPS1 is referenced because MPS1 is a merchant unit.
- 5. There are no contracts upon which DENC is relying under paragraph 10 CFR 50.75(e)(1)(v) and there were no modifications to the current method of providing financial assurance since the last submitted report.

- 6. There are no annual funding amounts for MPS1.
- 7. Trust Fund balances shown in this report are market value and after-tax on realized gains and losses. The Trust Fund balances have not been adjusted for unrealized gain or loss positions that are not currently taxable.
- 8. Since the previous annual submittal on March 26, 2020 (Serial No. 20-112, ADAMS Accession No. ML20087M715) for MPS1 there have been no material changes to the Trust agreements established for nuclear decommissioning.

Please contact Mr. Craig D. Sly at (804) 273-2784 if you have any questions or require additional information.

Sincerely,

Marken Sal -

Mark. D. Sartain

Vice President – Nuclear Engineering and Fleet Support Dominion Energy Nuclear Connecticut, Inc.

Attachment: Decommissioning Funding Status Report for MPS1, Summary Information as of December 31, 2020

Commitments made in this letter: None

 cc: U. S. Nuclear Regulatory Commission Region I
2100 Renaissance Blvd, Suite 100
King of Prussia, Pennsylvania 19406-2713

> Ms. Amy Snyder NRC Senior Project Manager – Millstone Power Station, Unit 1 U. S. Nuclear Regulatory Commission Mail Stop T-5A10 Washington, D.C. 20555-0001

Attachment 1

Decommissioning Funding Status Report for MPS1 Summary Information as of December 31, 2020

Millstone Power Station - Unit 1 Dominion Energy Nuclear Connecticut, Inc. (DENC)

Table I: Decommissioning Funding Status Report for MPS1Summary Information as of December 31, 2020

Decommissioning Funding Status Report for MPS1 Summary Information as of December 31, 2020 10 CFR 50.82 (a)(8)(v)-(vii) (in millions)												
Dec	ommissionin	g Trust Fund Balan	Ces		10 CFR Reference	50.82(a)(8)(v)(A)	50.82(a)(8)(vii)(A)					
	nd Balance		Type of Trusts		Comments							
\$	698.4 Unit 1 qualified fund balance As of: 12/31/2020											
\$		- Unit 1 non-qualified fund balance As of: 12/31/2020										
\$			but not yet billed to T	Actual Cost in:	2020	Dollars						
\$	697.5	Adjusted decommiss	ioning fund balance	As of:	12/31/2020							
Othe None		Assurance Methods	Being Relied Upon		10 CFR Reference	50.82(a)(8)(v)(A)						
Prior	Years Deco	mmissioning Expen	ditures		10 CFR Reference	50.82(a)(8)(v)(A)	T					
	Total	License Term	Spent Fuel Mgmt	Site Restoration		Comments						
\$	3.6				2020 Cost in:	2020	Dollars					
\$	98.9				2001-2019 Cost in:	As-Spent	Dollars					
\$	102.5			Concerning and the second s	Total Prior Year in:	As-Spent	Dollars					
Prior				10 CFR Reference	50.82(a)(8)(v)(B)							
	Total	License Term	Spent Fuel Mgmt	Site Restoration		Comments	D					
\$		\$	\$ ~	\$ -	Actual Cost in	2020	Dollars					
\$ \$	<u>5.0</u> (1.4)	<u>\$</u> - \$-	\$	\$- \$-	NRC Auth \$ in	2020	Dollars					
		n to NRC Authorized			••••••••••••••••••••••••••••••••••••••							
Rema		missioning Estimat		10 CFR Reference	50.82(a)(8)(v)(B)	50.82(a)(8)(vii)(B)						
	Total	License Term	Spent Fuel Mgmt	Site Restoration		Comments						
\$	515.6	\$ 370.7	\$ 137.1	\$ 7.8	Estimate in :	2021	Dollars					
Deco	ommissioning	n Criteria Upon Whi	ch the Estimate is B	lased	10 CFR Reference	50.82(a)(8)(v)(B)	1					
	AFSTOR											
Any	Modification None	To Method of Prov	iding Financial Assu	10 CFR Reference	50.82(a)(8)(v)(C)							
Any		nges To Trust Agre	ement Since Previo	us Report	10 CFR Reference	50.82(a)(8)(v)(D)						
	None											
Neec		nal Financial Assura		10 CFR Reference	50.82(a)(8)(vi)	50.82(a)(8)(vli)(C)						
	None	See Annual Cash Flo	w Analysis in Table II									
nput	s to Remaini	ng Cost and Fundin	g Analysis		I	T	T					
	2021 Start year of Remaining Cost and Funding analysis											
	2.06% Escalate study dollars from Study Year to Start Year of Analysis using an average of CPI rates											
	0.00% Escalation rate 2021 & Beyond											
		· · · · · · · · · · · · · · · · · · ·					->					
	2.00%	Fund growth rate	2021	& Beyond (Reflects I	NRC allowed 2% R	eal kate of Return	1)					

Notes: Table I

- 1) Previous decommissioning expenditures represent the withdrawals from the nuclear decommissioning trusts made by Dominion Energy Nuclear Connecticut, Inc. These expenditures do not include the withdrawals made by the former owners of MPS1.
- 2) Expenditures include withdrawals for spent fuel management, consistent with DENC's previous notices to the NRC, as well as allowed ordinary administrative costs.
- 2018 NRC Authorized expenditures of \$5.137 million are based on \$5 million (rounded) in 2017 dollars as described in DENC's submittal dated August 22, 2017 (Serial No. 18-289, ADAMS Accession No. ML17240A170).

Table II: Decommissioning Funding Status Report for MPS1 Annual Cash Flow Analysis Starting January 1, 2021 through End of Decommissioning

Beginning of Year Finanting Total Funda Total Funda States Finantials Total Funda States Finantials Total Funda States Finantials (Reflect ON Finantials Reflect ON Finantials (Reflect ON Finantials Reflect ON Finantials (Reflect ON Finantials Reflect ON Finantials (Reflect ON Finantials (Reflect ON Finantials Reflect ON Finantials (Reflect ON Finan	Decommissioning Funding Status Report for MPS1 Annual Cash Flow Analysis Starting January 1, 2021 through End of Decommissioning 10 CFR 50.82 (a)(8){v)-(vii) (in millions)														
12022 \$ 705.3 \$ 14.4 \$ 1.0 \$ 4.4 \$ \$ 5.4 \$ \$ 6.4 \$ 7 2024 \$ 721.7 \$ 14.4 \$ 1.0 \$ 4.4 \$ \$ \$ 5.4 \$ \$ 5.4 \$ 7 \$ \$ \$ 5.4 \$ 7 \$<	Year	Beginning of Year		Earnings on Trust Funds		Remaining License Termination Expenditures		Remaining Spent Fuel Mgmt Expenditures		Remaining Site Restoration Expenditures		Remaining SAFSTOR Expenditures		of Year	
	2021	\$	697.5	\$ 13.9	\$	1.0	Π	\$ 5.0		\$-	\$	6.0	\$	705.3	
	2022	\$	705.3	\$ 14.1	\$	1,0		\$ 4.4		\$-	\$	5.4	\$	713,9	
2026 \$ 730.7 \$ 146 \$ 1.0 \$ 4.4 \$ - \$ 5.4 \$ 7 7 2027 \$ 749.0 \$ 150.0 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 7 2028 \$ 700.6 \$ 152.4 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 7 2020 \$ 770.6 \$ 154.6 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 7 7 2030 \$ 716.0 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2031 \$ 782.1 \$ 160.2 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2.21 \$ - \$ 4.7 \$ 8 2.21 \$ 5 4.7 \$ 8 2.21 \$ \$ 4.7	2023	\$	713.9	\$ 14.2	\$	1.0		\$ 5.4		\$ -	\$	6.4	\$	721.7	
2020 \$ 739.8 \$ 147 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2022 \$ 740.9 \$ 15.0 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2020 \$ 770.0 \$ 156.4 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2030 \$ 761.3 \$ 156.6 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2031 \$ 792.1 \$ 156.8 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 7 2033 \$ 904.2 \$ 16.0 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 7 \$ 2.0 \$ \$ 4.7 \$ 6 4.7 \$ 6 4.7 \$ 6 4.7 \$ 6 4.7 \$ 6 4.7 \$	2024	\$			\$	1.0					\$	5.4		730.7	
2027 \$ 749.9 \$ 15.0 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2029 \$ 770.6 \$ 15.2 \$ 1.0 \$ 3.7 \$ \$ \$ 4.7 \$ 7 2030 \$ 761.3 \$ 15.6 \$ 1.0 \$ 3.7 \$ \$ \$ 4.7 \$ 7 2031 \$ 761.6 \$ 1.6.2 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2033 \$ 616.2 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2035 \$ 616.1 \$ 1.6 \$ 2.2 \$ \$ 2.4.2 \$ \$ 2.4.2 \$ \$ 2.4.7 \$ 8 2.4.7 \$ 8 2.4.7 \$ 8 2.4.7 \$ 8 2.4.7 \$ 8 \$ 2.4.7 \$ 8 \$ 2.4.7	2025	\$	730.7	\$ 14.6	\$	1.0		\$ 4.4		\$ -	\$	5.4	\$	739.8	
2028 \$ 700.1 \$ 15.4 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2020 \$ 706.1 \$ 156.6 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2030 \$ 782.1 \$ 156.8 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2031 \$ 782.1 \$ 166.2 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2033 \$ 814.5 \$ 16.2 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2033 \$ 816.2 \$ 16.1 \$ 1.6 \$ 2.2 \$ \$ 10.2 \$ 10.5 \$ 10.2 \$ \$ 10.6 \$ \$ 10.6 \$ \$ 10.6 \$ \$ 10.6 \$ \$ 10.6 \$ \$ 10.6 \$ \$	2026	\$	739,8			1.0	L	\$ 3.7			\$	4.7	\$	749,9	
2020 \$ 770.6 \$ 15.4 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 7 2031 \$ 792.1 \$ 15.6 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2032 \$ 903.2 \$ 16.6 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2033 \$ 814.5 \$ 16.2 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2035 \$ 616.1 \$ 1.6 \$ 2.2 \$ \$ 2.4.2 \$ 8 2036 \$ 610.6 \$ 1.6.1 \$ 1.6 \$ 2.4.2 \$ 8 8 1.1.8 \$ 6.6 \$ 1.1.8 \$ 6.6 \$ 1.1.8 \$ 1.0.2 \$ 1.0.2 \$ 1.0.2 \$ 1.0.2 \$ 1.0.6 \$ 8 1.0.6 \$ 1.0.6 \$			diama di constanti d											760.1	
2030 \$ 781.3 \$ 16.6 \$ 1.0 \$ 3.7 \$ \$ 4.7 \$ 8 2031 \$ 782.1 \$ 16.0 \$ 1.0 \$ 3.7 \$ \$ \$ 4.7 \$ 8 2032 \$ 803.2 \$ 16.0 \$ 1.0 \$ 3.7 \$ \$ \$ 4.7 \$ 8 2033 \$ 814.5 \$ 16.2 \$ 1.0 \$ 3.7 \$ \$ \$ 4.7 \$ 8 2034 \$ 816.0 \$ 16.1 \$ 1.6 \$ \$ 1.1.8 \$ \$ 10.9 \$ \$ 10.2 \$ \$ 10.2 \$ \$ 10.2 \$ \$ 10.2 \$ \$ 10.8 \$ \$ 10.9 \$ \$ \$ 10.8 \$ \$ \$ 10.8 \$ \$ 10.8 \$ \$ \$ \$ \$ \$ \$														770.6	
2031 \$ 792.1 \$ 15.8 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2032 \$ 803.2 \$ 16.0 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2033 \$ 814.5 \$ 16.2 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2035 \$ 616.2 \$ 1.6 \$ 2.2.1 \$ \$ \$ 2.4.2 \$ 8 2036 \$ 616.0 \$ 1.6.1 \$ - \$ 10.9 \$ \$ 10.8 \$ 2038 \$ 802.0 \$ 16.6 \$ 0.7 \$ 0.9 \$ - \$ 10.8 \$ 8 10.2 \$ \$ 1.6 \$ 8 8 10.2 \$ - \$ 1.6 \$ 8 10.2 \$ - \$ 1.6 \$ 8 <td></td> <td>781.3</td>														781.3	
2022 \$ 10.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2033 \$ 914.5 \$ 16.2 \$ 1.0 \$ 3.7 \$ - \$ 4.7 \$ 8 2034 \$ 9260 \$ 16.1 \$ 1.6 \$ 22.1 \$ - \$ 23.7 \$ 8 2036 \$ 616.0 \$ 16.1 \$ - \$ 10.9 \$ \$ 10.8 \$ 8 10.9 \$ \$ 10.2 \$ 8 10.2 \$ 8 10.8 \$ 8 10.8 \$ 8 8 10.6 \$ 8				L					~		in a second			792.1	
2033 \$ 844.5 \$ 10.2 \$ 3.7.7 \$														803.2	
2034 \$ 2036 \$ 16.3 \$ 1.6 \$ 22.1 \$ \$ 23.7 \$ 8 2036 \$ 810.6 \$ 16.1 \$. \$ 23.7 \$ 8 2030 \$ 610.6 \$ 16.1 \$. \$ 11.8 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.9 \$ \$ 10.2 \$ \$ 10.8 \$ 8 2040 \$ 4.1.3 \$ 10.8 \$ 8 \$ 10.7 \$ 0.9 \$ \$ 1.6 \$ 8 8 \$ 10.9 \$ \$ 1.6 \$ 8 2042 \$ 672.0 \$ 7.7 \$ 0.9 \$ \$ 1.6 \$ 8 2043 \$ 8 1.6 \$ 8 20.9 \$														814.5	
2035 \$ 611.2 \$ 1.6 \$ 21.1.8 \$ - \$ 11.8 \$ - \$ 11.8 \$ - \$ 11.8 \$ - \$ 11.8 \$ - \$ 11.8 \$ - \$ 11.8 \$ 8 8 2036 \$ 615.0 \$ 16.3 \$ - \$ 10.0 \$ 10.2 \$ 6 8 2039 \$ 826.4 \$ 16.8 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 8 8 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 8 8 8 8 8 8 8 8 8 9 2044 \$ 90.9 \$ - \$ 1.6 \$ 9 2045 \$ 92.0.3 \$ 18.1.3 \$ 5.9.1 \$ - \$ 2.1.6 \$ 9 2.2.7 \$ 9.9.1 \$														826.0	
2036 \$ 810.6 \$ 16.1 \$ \$ 11.8 \$ \$ 10.9 \$ \$ 10.9 \$ 10.6 \$ 8 8 8 10.7 \$ 0.9 \$ \$ 1.6 \$ 8 8 8 10.6 \$ 9 2046 \$ 90.9 \$ \$ 6.67 \$ 9 2046 \$ 91.9 \$ \$ 6.7 \$ 9 2046 \$ 91.9 \$ \$ 6.7 \$ 9 \$ 6.67							÷							818.2	
2037 \$ 615.0 \$ 16.2 \$ \$ 10.2 \$ \$ 10.2 \$ 8 2038 \$ 2039 \$ 2030 \$ 10.2 \$ 8 10.2 \$ 8 2039 \$ 282.4 \$ 10.6 \$ 0.9 \$ - \$ 1.6 \$ 8 2040 \$ 841.3 \$ 10.8 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2041 \$ 867.8 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2044 \$ 90.3 \$ 18.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2046 \$ 92.0.3 \$ 18.4 \$ 2.11 \$ \$ \$ 2.1 \$ 9 2.047 \$ 92.3 \$ 18.4 \$ 2.1 \$ \$														810.6	
2038 \$ 6.203 \$ 10.2 \$ 5 10.2 \$ 8 2039 \$ 026.4 \$ 16.5 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2040 \$ 041.3 \$ 16.6 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2042 \$ 656.5 \$ 17.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2042 \$ 672.0 \$ 17.4 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2043 \$ 887.8 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2044 \$ 903.9 \$ 18.4 \$ 21.1 \$ 9 2047 \$ \$ 5 9 9 5 1.4 \$ 7 \$ 9 <td></td> <td>815.0</td>														815.0	
2039 \$ 8264 \$ 16.5 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2040 \$ 841.3 \$ 16.8 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2041 \$ 872.0 \$ 17.4 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2042 \$ 872.0 \$ 17.4 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2044 \$ 903.9 \$ 1.8.1 \$ 0.7 \$ 9 \$ - \$ 6.7 \$ 9 2045 \$ 920.3 \$ 18.4 \$ 2.11 \$ \$ - \$ 6.7 \$ 9 2047 \$ 920.3 \$ 18.0 \$ 59.1 \$ - \$ 6.17 \$ 9 2.6 \$ 5.01 \$<		-					<u> </u>		-					820.3	
2040 \$ 841.3 \$ 168 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2041 \$ 866.5 \$ 17.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2042 \$ 872.0 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2043 \$ 887.8 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2044 \$ 903.9 \$ 18.1 \$ 0.7 \$ 0.9 \$ - \$ 6.7 \$ 9 2046 \$ 92.9.3 \$ 18.0 \$ 5.9.1 \$ - \$ 0.1 \$ 71.8 \$ 8 71.7 \$ - \$ 0.1 \$ 71.8 \$ 72.0 \$ \$ 1.6 \$ \$ 1.6 \$ \$ <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>·····</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>826.4</td>								·····						826.4	
2041 \$ 666.5 \$ 17.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 8 2042 \$ 672.0 \$ 17.4 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2043 \$ 987.8 \$ 17.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2044 \$ 903.9 \$ 18.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2046 \$ 920.3 \$ 18.0 \$ 5.9.1 \$ - \$ - \$ 6.7 \$ 9 2046 \$ 92.9.3 \$ 18.0 \$ 5.9.1 \$ - \$ 2.1.1 \$ 9 2047 \$ 92.9.3 \$ 1.6.2 \$ 7.7 \$ - \$ 5.9.1 \$ 7.7 \$ 7.7 \$ 9.01 \$ 7.7 \$		and contract to our other								,				841.3	
2042 \$ 872.0 \$ 17.4 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2043 \$ 887.8 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2044 \$ 903.9 \$ 18.3 \$ 5.9 \$ 0.9 \$ - \$ 6.7 \$ 9 2046 \$ 920.3 \$ 18.4 \$ 21.1 \$ 9 2047 \$ 929.3 \$ 18.0 \$ 59.1 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$ 59.9 \$ - \$									-					856.5 872.0	
2043 \$ 887.8 \$ 17.7 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2044 \$ 903.9 \$ 18.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2045 \$ 920.3 \$ 18.4 \$ 21.1 \$ - \$ 6.7 \$ 9 2046 \$ 931.9 \$ 18.4 \$ 21.1 \$ - \$ - \$ 6.7 \$ 9 2046 \$ 931.9 \$ 18.4 \$ 21.1 \$ - \$ - \$ 5.61.4 \$ 9 2048 \$ 868.1 \$ 16.2 \$ 7.17 \$ - \$ 0.1 \$ 7.8 \$ 9 \$ 5.1.4 \$ 7 2050 \$ 789.8 \$ 14.5 \$ 2.6.5 \$ 2.6.3 \$ 7 2.053 \$									-	and the second s				887.8	
2044 \$ 903.9 \$ 16.1 \$ 0.7 \$ 0.9 \$ - \$ 1.6 \$ 9 2045 \$ 920.3 \$ 18.3 \$ 5.9 \$ 0.9 \$ - \$ 6.7 \$ 9 2046 \$ 921.9 \$ 18.4 \$ 21.1 \$ - \$ 2.1 \$ 99 2047 \$ 929.3 \$ 18.0 \$ 59.1 \$ - \$ 2.1 \$ 99 2048 \$ 888.1 \$ 17.2 \$ 50.9 \$ - \$ - \$ 50.1 \$ 769.8 \$ 77.7 \$ 0.9 \$ 71.4 \$ 77.2 \$ 50.9 \$ 77.2 \$ 0.1 \$ 71.4 \$ 77.2 \$ 50.9 \$ - \$ 0.1 \$ 71.4 \$ 77.2 \$ 0.9 \$ 51.4 \$ 77.2 \$ 0.9 \$ 51.4 \$ 77.2 \$ 77.5 \$ 14.5 \$ 23.8 \$ 2.5 \$ 2.65 \$ 2.63 \$ 77.2 \$ 2053 \$ 77.9 \$ 14.5 \$ 23.8 \$ - \$ 0.5 \$ 4.8 \$ 77.9 \$ 77.2 \$ 2054 \$ 720.8 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 77.9 \$ 77.9 \$ 77.2 \$ 2055 \$ 729.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$						and a second sec								903,9	
2045 \$ 920.3 \$ 18.3 \$ 5.9 \$ 0.9 \$ - \$ 6.7 \$ 9 2046 \$ 931.9 \$ 18.4 \$ 21.1 \$ - \$ - \$ 21.1 \$ 9 2047 \$ 929.3 \$ 18.0 \$ 591.1 \$ - \$ 5.11 \$ 8 2048 \$ 688.1 \$ 17.2 \$ 50.9 \$ - \$ 0.1 \$ 71.8 \$ 77 2050 \$ 769.8 \$ 15.3 \$ 50.5 \$ - \$ 0.9 \$ 51.4 \$ 77 2051 \$ 773.6 \$ 14.7 \$ 30.4 \$ - \$ 2.3 \$ 32.7 \$ 77 2052 \$ 735.7 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 77 2053 \$ 723.8 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 77 2055 \$ 729.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$ 77 2056 \$ 742.7 \$ 14.9 \$ - \$ - \$ - \$ - \$ 77 2057 \$ 772.7 \$ 15.5 \$ - \$ - \$ - \$ - \$ 77					£									920.3	
2046 \$ 931.9 \$ 18.4 \$ 21.1 \$ - \$ 21.1 \$ 9 2047 \$ 92.9.3 \$ 10.0 \$ 59.1 \$ - \$ 59.9 \$ 8 2048 \$ 888.1 \$ 17.2 \$ 59.9 \$ - \$ - \$ 59.9 \$ 8 2049 \$ 845.4 \$ 16.2 \$ 71.7 \$ - \$ 0.1 \$ 71.8 \$ 7 2050 \$ 789.6 \$ 14.5 \$ 20.8 \$ - \$ 2.3 \$ 32.7 \$ 7 2051 \$ 735.7 \$ 14.5 \$ 20.8 \$ - \$ 2.5 \$ 2.6.3 \$ 7.7 2052 \$ 720.5 \$ 14.4 \$ 4.3 \$ - \$ 2.5 \$ 4.8 \$ 7 2055 \$ 742.7 \$ <td></td> <td></td> <td></td> <td></td> <td>f</td> <td></td> <td></td> <td>and the second second</td> <td>+</td> <td></td> <td><u>-</u></td> <td>and the second street with the second street st</td> <td></td> <td>931.9</td>					f			and the second	+		<u>-</u>	and the second street with the second street st		931.9	
2047 \$ 929.3 \$ 18.0 \$ 59.1 \$ - \$ 59.1 \$ 8 2048 \$ 888.1 \$ 17.2 \$ 69.9 \$ - \$ 69.9 \$ 8 2049 \$ 845.4 \$ 16.2 \$ 71.7 \$ - \$ 0.1 \$ 71.8 \$ 7 2050 \$ 789.8 \$ 15.3 \$ 50.5 \$ - \$ 0.9 \$ 51.4 \$ 7 2051 \$ 735.6 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 77 2052 \$ 720.3 \$ 14.4 \$ 4.33 \$ - \$ 0.5 \$ 4.8 \$ 77 2054 \$ 720.8 \$ 14.9 \$ - \$ - \$ - \$ 7 2056 \$ 772.7 \$ 15.5									+					929.3	
2048 \$ 888.1 \$ 17.2 \$ 50.9 \$ - \$ 50.9 \$ 8 2049 \$ 845.4 \$ 16.2 \$ 71.7 \$ - \$ 0.1 \$ 71.8 \$ 7 2050 \$ 769.8 \$ 15.3 \$ 50.5 \$ - \$ 0.9 \$ 51.4 \$ 7 2051 \$ 753.6 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 77 2052 \$ 735.7 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 77 2053 \$ 720.8 \$ 14.4 \$ 4.33 \$ - \$ 0.1 \$ 1.7 \$ 77 2056 \$ 742.7 \$ 14.6 \$ 1.6 \$ - \$ - \$ 77 2056 \$ 78.2 <td></td> <td>888.1</td>														888.1	
2049 \$ 845.4 \$ 16.2 \$ 71.7 \$ - \$ 0.1 \$ 71.8 \$ 7 2050 \$ 768.8 \$ 15.3 \$ 50.5 \$ - \$ 0.9 \$ 51.4 \$ 7 2051 \$ 735.7 \$ 14.5 \$ 20.8 \$ - \$ 2.5 \$ 26.3 \$ 7 2053 \$ 723.8 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 7 2053 \$ 723.8 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 7 2055 \$ 729.8 \$ 14.9 \$ - \$ - \$ 7 2056 \$ 742.7 \$ 15.5 \$ - \$ - \$ 7 2057 \$ 767.6 \$ 15.8 - \$ <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>845.4</td></t<>														845.4	
2050 \$ 789.8 \$ 15.3 \$ 50.5 \$ - \$ 0.9 \$ 51.4 \$ 7 2051 \$ 753.6 \$ 14.7 \$ 30.4 \$ - \$ 2.3 \$ 32.7 \$ 77 2052 \$ 735.7 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 77 2053 \$ 723.8 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 77 2054 \$ 720.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$ 77 2055 \$ 72.7 \$ 14.9 \$ - \$ - \$ - \$ 77 2056 \$ 742.7 \$ 15.5 \$ - \$ - \$ - \$ 77 2058 \$ 78.2 <					+				+					789.8	
2051 \$ 753.6 \$ 14.7 \$ 30.4 \$ - \$ 2.3 \$ 32.7 \$ 7 2052 \$ 735.7 \$ 14.5 \$ 23.8 \$ - \$ 2.5 \$ 26.3 \$ 7 2053 \$ 723.8 \$ 14.3 \$ 16.4 \$ - \$ 1.5 \$ 17.9 \$ 7 2054 \$ 720.3 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 7 2056 \$ 720.7 \$ 14.9 \$ - \$ - \$ - \$ - \$ 7 7 2056 \$ 742.7 \$ 15.5 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 7 7 2057 \$ 767.6 \$ 15												-house-difference		753,6	
2053 \$ 723.8 \$ 14.3 \$ 16.4 \$ - \$ 1.5 \$ 17.9 \$ 7 2054 \$ 720.3 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 7 2055 \$ 729.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$ 7 2056 \$ 742.7 \$ 14.9 \$ -					· · · · · · · · · · · · · · · · · · ·									735.7	
2053 \$ 723.8 \$ 14.3 \$ 16.4 \$ - \$ 1.5 \$ 17.9 \$ 7 2054 \$ 720.3 \$ 14.4 \$ 4.3 \$ - \$ 0.5 \$ 4.8 \$ 7 2055 \$ 729.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$ 7 2056 \$ 742.7 \$ 14.9 \$ -	2052	\$	735.7	\$ 14.5	\$	23.8	\$; -	T	\$ 2.5	\$	26.3	\$	723.8	
2055 \$ 729.8 \$ 14.6 \$ 1.6 \$ - \$ 0.1 \$ 1.7 \$ 7 2056 \$ 742.7 \$ 14.9 \$ - \$ - \$ - \$ 7 2057 \$ 757.6 \$ 15.2 \$ - \$ - \$ - \$ 7 2058 \$ 772.7 \$ 15.5 \$ - \$ - \$ - \$ 7 2059 \$ 788.2 \$ 15.8 \$ - \$ - \$ - \$ - \$ 7 2060 \$ 804.0 \$ 16.1 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -							\$; -					\$	720.3	
2056 \$ 742.7 \$ 14.9 \$ - \$ - \$ - \$ 7 2057 \$ 757.6 \$ 15.2 \$ - \$ - \$ - \$ 7 2058 \$ 772.7 \$ 15.5 \$ - \$ - \$ - \$ 7 2059 \$ 788.2 \$ 15.8 \$ - \$ - \$ - \$ - \$ 77 2060 \$ 804.0 \$ 16.1 \$ - \$	2054	\$	720.3	\$ 14.4	\$	4.3	\$	-	Γ	\$ 0.5	\$	4.8	\$	729,8	
2057 \$ 757.6 \$ 15.2 \$ - \$ - \$ - \$ 77 2058 \$ 772.7 \$ 15.5 \$ - \$ - \$ - \$ 77 2059 \$ 788.2 \$ 15.8 \$ - \$ - \$ - \$ - \$ - \$ 77 2060 \$ 804.0 \$ 16.1 \$ - \$	2055	\$	729.8	\$ 14.6	\$	1.6	\$	~		\$ 0,1	\$	1.7	\$	742.7	
2058 \$ 772.7 \$ 15.5 \$ - \$ - \$ - \$ 77 2059 \$ 788.2 \$ 15.8 \$ - \$ </td <td>2056</td> <td>\$</td> <td>742.7</td> <td>\$ 14.9</td> <td>\$</td> <td>-</td> <td>\$</td> <td>-</td> <td>1</td> <td>\$ -</td> <td>\$</td> <td>-</td> <td>\$</td> <td>757.6</td>	2056	\$	742.7	\$ 14.9	\$	-	\$	-	1	\$ -	\$	-	\$	757.6	
2059 \$ 788.2 \$ 15.8 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 8 <td< td=""><td>2057</td><td>\$</td><td>757.6</td><td>\$ 15.2</td><td>\$</td><td>-</td><td>\$</td><td>-</td><td>1</td><td>\$</td><td>\$</td><td>~</td><td>\$</td><td>772.7</td></td<>	2057	\$	757.6	\$ 15.2	\$	-	\$	-	1	\$	\$	~	\$	772.7	
2080 \$ 804.0 \$ 16.1 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 8 8 2061 \$ 820.0 \$ 16.4 \$ - \$ - \$ - \$ <td>2058</td> <td>\$</td> <td>772.7</td> <td>\$ 15,5</td> <td>\$</td> <td></td> <td>\$</td> <td></td> <td></td> <td>\$-</td> <td>\$</td> <td></td> <td>\$</td> <td>788.2</td>	2058	\$	772.7	\$ 15,5	\$		\$			\$-	\$		\$	788.2	
2061 \$ 820.0 \$ 16.4 \$ - \$ 8 8 8 8 8 8 \$ 16.7 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 8 8 - \$ - \$ - \$ - \$ - \$ 90 \$ 90 \$ 90 \$ 90 \$ 90 \$ 90 \$ 90 \$ 90 \$ 90 <td>2059</td> <td></td> <td>788.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>804.0</td>	2059		788.2									-		804.0	
2082 \$ 336.4 \$ 16.7 \$ - \$ 90 \$ \$ 90 \$ \$ 90 \$ \$ 90 \$ \$						-	<u>.</u>		-		·	-	<u> </u>	820.0	
2063 \$ 853.2 \$ 17.1 \$ - \$ 9 9 9 \$ 9 9 \$ 9 9 9 \$ 9 9 9 \$ 9 9 9 \$ 9 9 9 9 \$ 9 9 9 \$ 9 9 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td><u> </u></td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td>836.4</td></td<>							<u> </u>		-			-		836.4	
2064 \$ 870.2 \$ 17.4 \$ - \$ - \$ - \$ - \$ 80 2065 \$ 887.6 \$ 17.8 \$ - \$ - \$ - \$ 90 2066 \$ 905.4 \$ 17.8 \$ - \$ - \$ - \$ 90 2066 \$ 905.4 \$ 18.1 \$ - \$ - \$ - \$ 90 2067 \$ 923.5 \$ 18.5 \$ - \$ - \$ - \$ 90 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 90 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 90 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 90 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 90 2069 \$ 960.8 19.2 \$ - \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund Balance (end of Decommissioning) (in Futu						-	\$		1				****	853.2	
2065 \$ 887.6 \$ 17.8 \$ - \$ - \$ - \$ - \$ 99 2066 \$ 905.4 \$ 18.1 \$ - \$ - \$ - \$ - \$ 99 2067 \$ 923.5 \$ 18.5 \$ - \$ - \$ - \$ 99 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 99 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 99 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 99 2069 \$ 960.8 19.2 \$ - \$ - \$ - \$ 99 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 99 2070 \$ 980.0 \$ 19.5 \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ 99						-	\$	<u>.</u>						870.2	
2066 \$ 905.4 \$ 18.1 \$ - \$ - \$ - \$ - \$ 99 2067 \$ 923.5 \$ 18.5 \$ - \$ - \$ - \$ - \$ 99 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ - \$ 99 2069 \$ 960.8 \$ 19.2 \$ - \$ - \$ - \$ 99 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 99 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 99 2070 \$ 980.0 \$ 19.5 \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ 99						-								887.6	
2067 \$ 923.5 \$ 18.5 \$ - \$ - \$ - \$ 94 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 94 2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ 94 2069 \$ 960.8 \$ 19.2 \$ - \$ - \$ - \$ 94 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 94 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 94 2070 \$ 980.0 \$ 19.5 \$ 5.55 \$ - \$ - \$ 94 Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund							<u> </u>					-		905.4	
2068 \$ 942.0 \$ 18.8 \$ - \$ - \$ - \$ - \$ 90 2069 \$ 960.8 \$ 19.2 \$ - \$ - \$ - \$ 90 2069 \$ 960.8 \$ 19.2 \$ - \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 90 Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ 95 \$ 95						-					********	-		923.5	
2069 \$ 960.8 \$ 19.2 \$ - \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ - \$ 90 2070 \$ 980.0 \$ 19.5 \$ 5.5.5 \$ - \$ - \$ 90 Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 5 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$				Carl and a state of the state o		-								942.0	
2070 \$ 980.0 \$ 19.5 \$ 5.5 \$ - \$ 5.5 \$ 99 Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 \$ 99 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ \$ 99														960.8	
Remaining \$ in 2021 Dollars \$ 370.7 \$ 137.1 \$ 7.8 \$ 515.6 Est. Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ 99														980.0	
Est, Fund Balance (end of Decommissioning) (in Future \$ escalated at 0.0% & 2.0% Real Rate of Return Fund Growth Rate) \$ 99		⊅											Φ	994.1	
			E. C.		<u> </u>	Local and the second	<u> </u>				\$	515.6			
Set Fund Palance (and of Decompletioning) discounted to 2024 Deliver Discount Data w 2009/	st, Fund Balanc	e (end	of Decommissio	oning) (in Future \$ esca	latec	1 at 0.0% & 2.0% Re	al	Rate of Return Fund	G	rowth Rate)			\$	994.1	
ESE, FOR Contraction and the contraction of the con	Est. Fund Balance (end of Decommissioning) discounted to 2021 Dollars Discount Rate = 2.00%										\$	376.7			

Table II Definitions:

Column 1: Beginning of Year Balance:

Reflects the beginning-of-year Trust Fund balance at a 0.0% cost escalation rate and a 2.0% Real Rate of Return (RRoR) on fund growth.

Column 2: Earnings on Trust Funds:

Reflects earnings on funds remaining in the trust. A 2.0% RRoR Fund growth rate is used for 2021 through 2070 which reflects the allowed 2.0% RRoR over a 0.0% cost escalation rate. The annual 2.0% RRoR earnings are calculated on the beginning balance less 50% of the projected annual expenditure for each year.

Column 3: Remaining License Termination Expenditures:

Reflects the annual License Termination Plan cost portion at a 0.0% escalation rate from the Site Specific Estimate.

Column 4: Remaining Spent Fuel Management Expenditures:

Reflects the annual Irradiated Fuel Management Plan cost portion at a 0.0% escalation rate from the Site Specific Estimate. This column provides funding information for managing irradiated fuel as required by 10 CFR 50.82(a)(8)(vii).

Column 5: Remaining Site Restoration Expenditures:

Reflects the annual Site Restoration Plan cost portion at a 0.0% escalation rate from the Site Specific Estimate.

Column 6: Remaining SAFSTOR Expenditures:

Reflects the annual SAFSTOR Decommissioning Plan cost at a 0.0% escalation rate from the Site Specific Cost Estimate.

Column 7: End of Year Balance:

Reflects the end of year Trust Fund balance after projected earnings are added and projected expenditures are deducted for the year specified at a 0.0% escalation rate and a 2.0% RRoR on fund growth.

Tables I and II General Notes: (Any minor differences in totals are due to rounding.)

- 1) Trust Fund balance reflects market value on December 31, 2020, net of taxes on realized gains and losses.
- 2) The 2.0% RRoR is based on the rate allowed by 10 CFR 50.75(e)(1)(i) and 10 CFR 50.82(a)(8)(vi).
- 3) The funding method for providing financial assurance for decommissioning MPS1 remains prepayment. The cash flow analysis in Table II demonstrates that the amounts accumulated in the Trust are sufficient, with credited earnings at a 2.0% RRoR, to cover the estimated cost of radiological decommissioning, spent fuel management and site restoration.