



Entergy Nuclear Operations, Inc.  
1340 Echelon Parkway  
Jackson, MS 39213  
Tel 601-368-5573

Mandy K. Halter  
Director, Nuclear Licensing

10 CFR 50.82(a)(8)(vii)

CNRO-2019-00006

March 28, 2019

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: Status of Funding for Managing Irradiated Fuel For Year Ending December 31,  
2018 – 10 CFR 50.82(a)(8)(vii) - Entergy Nuclear Operations, Inc.

Big Rock Point  
Docket No. 50-155  
License No. DPR-6

Pilgrim Nuclear Power Station  
Docket No. 50-293  
License No. DPR-35

Vermont Yankee  
Docket No. 50-271  
License No. DPR-28

Indian Point Nuclear Generating Station 1  
Docket No. 50-003  
License No. DPR-5

Dear Sir or Madam:

10 CFR 50.82(a)(8)(vii) requires that after submitting its site-specific decommissioning cost estimate pursuant to 10 CFR 50.82(a)(4)(i), a licensee must annually submit to the NRC, by March 31, a report on the status of its funding for managing irradiated fuel. On behalf of Entergy Nuclear Indian Point 2, LLC, Entergy Nuclear Palisades, LLC, Entergy Nuclear Vermont Yankee, LLC, and Entergy Nuclear Generation Company, LLC, Entergy Nuclear Operations, Inc. hereby submits the information required for Indian Point 1, Big Rock Point, Vermont Yankee, and Pilgrim.<sup>1</sup> All or most of the spent fuel management costs are a liability of the U.S. Government as a result of its breach of the spent fuel disposal contract. However, this report takes no credit for recoveries on that liability.

<sup>1</sup> In January 2019, Entergy Nuclear Vermont Yankee, LLC was acquired by NorthStar Nuclear Decommissioning Company, LLC, and after the acquisition, Entergy Nuclear Operations, Inc. (ENOI) was no longer the Licensee for Vermont Yankee. ENOI is submitting this report pertaining to Vermont Yankee because as of December 31, 2018, ENOI was the Licensee for the plant. Following the acquisition, ENOI is no longer responsible for Vermont Yankee decommissioning plans.

There are no new commitments made in this letter. If you have any questions, please contact me at 601-368-5573.

Respectfully,

A handwritten signature in black ink that reads "Mandy K. Halter". The signature is written in a cursive style with a large, looping initial "M".

MKH/LJS/gpn

- Attachments:
1. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel - Indian Point 1, for Year Ending December 31, 2018 – 10 CFR 50.82(a)(8)(vii)
  2. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel - Big Rock Point, for Year Ending December 31, 2018 – 10 CFR 50.82(a)(8)(vii)
  3. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel - Vermont Yankee, for Year Ending December 31, 2018 – 10 CFR 50.82(a)(8)(vii)
  4. Entergy Nuclear Operations, Inc. Status of Funding for Managing Irradiated Fuel – Pilgrim, for Year Ending December 31, 2018 – 10 CFR 50.82(a)(8)(vii)

cc: USNRC Regional Administrator, Region I  
USNRC Regional Administrator, Region III  
USNRC Project Manager, Indian Point 1  
USNRC Project Manager, Indian Point 2  
USNRC Project Manager, Indian Point 3  
USNRC Project Manager, Big Rock Point  
USNRC Project Manager, Palisades  
USNRC Project Manager, Pilgrim  
USNRC Project Manager, Vermont Yankee  
USNRC Resident Inspector, Indian Point 2  
USNRC Resident Inspector, Indian Point 3  
USNRC Resident Inspector, Palisades  
USNRC Resident Inspector, Pilgrim

Michigan Department of Environmental Quality  
Michigan Public Service Commission  
NYS Department of Public Service  
Vermont Department of Public Service  
Massachusetts Department of Public Utilities

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Indian Point 1**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

Plant Name: **Indian Point Nuclear Generating Unit No. 1**

1. Funds accumulated to cover the cost of managing irradiated fuel as of 12/31/2018	\$205.02 million [Note 1]
2. Projected costs to manage fuel until DOE removal (2018\$)	\$54.96 million
3. Plan as required	See Note 2

Note 1: This amount represents the excess funds available in the Unit 1 decommissioning trust fund less an amount necessary to decommission the Independent Spent Fuel Storage Installation (ISFSI). Per Unit 1's updated decommissioning cost analysis, the present value (2018\$) of excess funds in Unit 1's decommissioning trust at the end of decommissioning in 2073, after considering license termination expenses, is \$206.7 million ( $\$602.07 \text{ million} / (1.02)^{(2073-2019)}$ ). See Ending DTF Balance for 2073, Table 12-1, Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc., filed March 2019 (Reference 1). The estimated cost for decommissioning Indian Point 1 and 2's share of the site ISFSI is \$10.14 million. Of the 30 casks from Indian Point 1 and 2 on the ISFSI, 5 are attributable to Unit 1, or 16.7%. Unit 1's share of ISFSI decommissioning cost is calculated as 16.7% x \$10.14 million, or \$1.7 million. Thus, the present value of Unit 1 trust funds available for spent fuel management is \$206.7 million minus \$1.7 million, or \$205 million. For purposes of this report only, Indian Point 1 trust funds are being considered separately from Indian Point 2 trust funds; however, both funds are covered by a single trust agreement, and will likely be handled together upon decommissioning.

Note 2: The excess currently existing in Unit 1's decommissioning trust is sufficient to cover the estimated costs of spent fuel management and ISFSI decommissioning. See Reference 1, Attachment 12. The licensee acknowledges the need for an exemption pursuant to 10 CFR §50.12(a) to use radiological decommissioning trust funds for costs other than decommissioning activities as defined in 10 CFR 50.2.

Reference: 1. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc.," CNRO-2019-00005, dated March 2019

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Big Rock Point**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

Plant Name: **Big Rock Point**

- |                                                                                     |                                   |
|-------------------------------------------------------------------------------------|-----------------------------------|
| 1. Funds accumulated to cover the cost of managing irradiated fuel as of 12/31/2018 | See Note 1                        |
| 2. Projected costs to manage fuel until DOE removal (2018\$)                        | \$47.89 million <sup>Note 2</sup> |
| 3. Plan as required                                                                 | See Note 1                        |

Note 1: Spent fuel management costs have been paid for out of Entergy Nuclear Palisades, LLC operating funds since Big Rock Point was acquired from Consumers Energy on April 11, 2007. Entergy Nuclear Palisades, LLC plans to continue paying for spent fuel management costs from said operating funds. Therefore, no funds are specifically accumulated for the cost of managing irradiated fuel at Big Rock Point as of 12/31/2018.

Note 2: Projected costs to manage fuel until DOE removal computed using an assumed date of the completion of fuel removal from site of 2039.

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Vermont Yankee**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

Plant Name: **Vermont Yankee**<sup>2</sup>

1.	Funds accumulated to cover the cost of managing irradiated fuel as of 12/31/2018	\$195.58 million [Note 1]
2.	Projected costs to manage fuel until DOE removal (see Table 13-1 in Reference 2)	\$148.20 million
3.	Plan as required	See Note 2

Note 1: This amount represents the excess funds that were projected to be available as of December 31, 2018 in the Vermont Yankee decommissioning trust fund less an amount necessary to decommission the Independent Spent Fuel Storage Installation (ISFSI). Per Vermont Yankee's site-specific decommissioning cost estimate (Reference 1), the present value of excess funds in the decommissioning trust at the end of decommissioning in 2075, after considering license termination expenses, would be \$202.14 million ( $\$612.71 \text{ million} / (1.02)^{(2075-2019)}$ ). See Table 3-1 below. Table 3-1 has been constructed by removing spent fuel management expenses from Table 13-1, Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc. filed March 2019 (Reference 2), to yield the surplus at the end of decommissioning that would otherwise be available for spent fuel management and ISFSI decommissioning. This calculated surplus takes into account available funds in the decommissioning trust. The estimated cost for decommissioning Vermont Yankee's ISFSI is \$6.56 million. Thus, the present value of Vermont Yankee trust funds available for spent fuel management as of December 31, 2018 was \$202.14 million minus \$6.56 million, or \$195.58 million. Table 13-1 in Reference 2 demonstrates the adequacy of the excess funds to cover the spent fuel management costs.

Note 2: Attachment 13 of Reference 2 demonstrates that the Vermont Yankee decommissioning trust fund is sufficiently funded for all license termination activities and certain spent fuel management activities (i.e., operational costs, shown in Col. 2 of Table 13-1 of Reference 2, totaling approximately \$148.2 million), and reflects completion of the transfer to dry fuel storage in 2018. As discussed in the Irradiated Fuel Management Program Update (Reference 3) costs related to spent fuel management operations (e.g., operations and maintenance costs for the spent fuel and Independent Spent Fuel Storage Installation) will be funded from the decommissioning trust fund. Entergy Nuclear Operations, Inc. obtained an exemption that allows the use of trust funds for spent fuel management activities (Reference 4). As of December 31, 2018, the dry fuel storage campaign at Vermont Yankee was completed, and no further costs associated with loading to dry fuel storage are forecasted.

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<sup>2</sup> In January 2019, Entergy Nuclear Vermont Yankee, LLC was acquired by NorthStar Nuclear Decommissioning Company, LLC, and after the acquisition, Entergy Nuclear Operations, Inc. (ENOI) was no longer the Licensee for Vermont Yankee. ENOI is submitting this report pertaining to Vermont Yankee because as of December 31, 2018, ENOI was the Licensee for the plant. Following the acquisition, ENOI is no longer responsible for Vermont Yankee decommissioning plans.

**Entergy Nuclear Operations, Inc.  
 Status of Funding for Managing Irradiated Fuel – Vermont Yankee  
 For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

Table 3-1

<b>Vermont Yankee Nuclear Power Station - SAFSTOR Methodology</b>									
<b>Annual Cash Flow Analysis - Total License Termination</b>									
(In Thousands in 2018 Dollars)									
<b>Year</b>	<b>Column 1 50.75 License Termination Cost (\$000's)</b>	<b>Column 2 50.54 (bb) Spent Fuel Management Cost (\$000's)</b>	<b>Column 3 Exclude Dry Fuel Spent Fuel Management Cost (\$000's)</b>	<b>Column 4 License Termination Cost plus Spent Fuel Management Cost less Dry Fuel Cost (\$000's)</b>	<b>Column 5 Beginning of Year Trust Fund Balance (\$000's)</b>	<b>Column 6 Withdraw (\$000's)</b>	<b>Column 7 Contribute (\$000's)</b>	<b>Column 8 Trust Fund Earnings (\$000's)</b>	<b>Column 9 Year Ending Trust Fund Balance (\$000's)</b>
2019	5,727			5,727	498,432	5,727	0	9,854	502,559
2020	5,672			5,672	502,559	5,672	0	9,938	506,825
2021	5,672			5,672	506,825	5,672	0	10,023	511,176
2022	3,963			3,963	511,176	3,963	0	10,144	517,358
2023	3,963			3,963	517,358	3,963	0	10,268	523,663
2024	3,963			3,963	523,663	3,963	0	10,394	530,094
2025	3,898			3,898	530,094	3,898	0	10,524	536,721
2026	4,055			4,055	536,721	4,055	0	10,653	543,319
2027	4,110			4,110	543,319	4,110	0	10,784	549,993
2028	4,064			4,064	549,993	4,064	0	10,919	556,847
2029	4,055			4,055	556,847	4,055	0	11,056	563,848
2030	4,110			4,110	563,848	4,110	0	11,195	570,933
2031	4,055			4,055	570,933	4,055	0	11,338	578,215
2032	4,064			4,064	578,215	4,064	0	11,483	585,634
2033	4,110			4,110	585,634	4,110	0	11,630	593,154
2034	4,055			4,055	593,154	4,055	0	11,782	600,881
2035	4,055			4,055	600,881	4,055	0	11,937	608,763
2036	4,120			4,120	608,763	4,120	0	12,093	616,735
2037	4,055			4,055	616,735	4,055	0	12,254	624,934
2038	4,055			4,055	624,934	4,055	0	12,418	633,297
2039	4,110			4,110	633,297	4,110	0	12,584	641,770
2040	4,064			4,064	641,770	4,064	0	12,754	650,460
2041	4,055			4,055	650,460	4,055	0	12,928	659,333
2042	4,110			4,110	659,333	4,110	0	13,104	668,327
2043	4,055			4,055	668,327	4,055	0	13,285	677,558
2044	4,064			4,064	677,558	4,064	0	13,470	686,963
2045	4,110			4,110	686,963	4,110	0	13,657	696,510
2046	4,055			4,055	696,510	4,055	0	13,849	706,304
2047	4,055			4,055	706,304	4,055	0	14,045	716,294
2048	4,120			4,120	716,294	4,120	0	14,243	726,418

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Vermont Yankee**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

2049	4,055	4,055	726,418	4,055	0	14,447	736,810		
2050	4,055	4,055	736,810	4,055	0	14,655	747,410		
2051	4,110	4,110	747,410	4,110	0	14,866	758,166		
2052	4,064	4,064	758,166	4,064	0	15,082	769,183		
2053	3,889	3,889	769,183	3,889	0	15,306	780,600		
2054	3,944	3,944	780,600	3,944	0	15,533	792,189		
2055	3,889	3,889	792,189	3,889	0	15,766	804,066		
2056	3,898	3,898	804,066	3,898	0	16,003	816,171		
2057	3,944	3,944	816,171	3,944	0	16,245	828,471		
2058	3,889	3,889	828,471	3,889	0	16,492	841,074		
2059	3,889	3,889	841,074	3,889	0	16,744	853,928		
2060	3,954	3,954	853,928	3,954	0	16,999	866,974		
2061	3,889	3,889	866,974	3,889	0	17,262	880,347		
2062	3,889	3,889	880,347	3,889	0	17,529	893,987		
2063	3,944	3,944	893,987	3,944	0	17,801	907,843		
2064	3,898	3,898	907,843	3,898	0	18,079	922,024		
2065	3,889	3,889	922,024	3,889	0	18,363	936,498		
2066	3,944	3,944	936,498	3,944	0	18,651	951,204		
2067	3,889	3,889	951,204	3,889	0	18,946	966,262		
2068	35,546	35,546	966,262	35,546	0	18,614	949,330		
2069	78,735	78,735	949,330	78,735	0	17,412	888,007		
2070	112,853	112,853	888,007	112,853	0	15,503	790,657		
2071	91,796	91,796	790,657	91,796	0	13,977	712,838		
2072	92,267	92,267	712,838	92,267	0	12,411	632,982		
2073	54,739	54,739	632,982	54,739	0	11,565	589,808		
2074	566	566	589,808	566	0	11,785	601,026		
2075	327	327	601,026	327	0	12,014	612,714		
	668,374	0	0	668,374	498,432	668,374	0	782,656	612,714



**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Vermont Yankee**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

References:

1. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Post Shutdown Decommissioning Activities Report," BVY 14-078, dated December 19, 2014 (Accession No. ML14357A110)
2. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc.," CNRO-2019-00005, dated March 2019
3. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Update to Irradiated Fuel Management Program Pursuant to 10 CFR 50.54(bb)," BVY14-085, dated December 19, 2014 (Accession No. ML14358A251)
4. NRC Approval of Exemption Request for Spent Fuel Management, 80 Fed. Reg. 35992 (June 23, 2015)

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Pilgrim**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

Plant Name: **Pilgrim Nuclear Power Station**

1.	Funds accumulated to cover the cost of managing irradiated fuel as of 12/31/2018	\$379.68 million [Note 1]
2.	Projected costs to manage fuel until DOE removal (see Table 14-1 in Reference 2)	\$420.25 million
4.	Plan as required	See Note 2

Note 1: This amount represents the excess funds available in the Pilgrim decommissioning trust fund less an amount necessary to decommission the Independent Spent Fuel Storage Installation (ISFSI). Considering the license termination expenditures shown in Pilgrim's site-specific decommissioning cost estimate (Reference 1, Table 3), and the current fund balance, the present value of excess funds in the decommissioning trust at the end of decommissioning in 2080, after considering license termination expenses, is \$389.10 million ( $\$1,302.19 \text{ million} / (1.02)^{(2080-2019)}$ ). See Table 4-1 below. Table 4-1 has been constructed by removing spent fuel management expenses from Table 14-1 of the Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc. filed March 2019 (Reference 2), to yield the surplus at the end of decommissioning that would otherwise be available for spent fuel management and ISFSI decommissioning. This calculated surplus takes into account available funds in the decommissioning trust. The estimated cost for decommissioning Pilgrim's ISFSI is \$9.42 million. Thus, the present value of Pilgrim trust funds available for spent fuel management is \$389.10 million minus \$9.42 million, or \$379.68 million. Table 14-1 in Reference 2 demonstrates the adequacy of the excess funds to cover the spent fuel management costs.

Note 2: Attachment 14 of Reference 2 demonstrates that the Pilgrim decommissioning trust fund is sufficiently funded for all license termination activities and certain spent fuel management activities (i.e., operational costs, shown in Col. 2 of Table 14-1 of Reference 2). As discussed in the Irradiated Fuel Management Program Update (Reference 3) costs related to spent fuel management operations (e.g., operations and maintenance costs for the spent fuel and Independent Spent Fuel Storage Installation) will be funded from the decommissioning trust fund. The licensee acknowledges the need for an exemption pursuant to 10 CFR §50.12(a) to use radiological decommissioning trust funds for costs other than decommissioning activities as defined in 10 CFR 50.2. A request for such an exemption was submitted as Reference 4.

**Entergy Nuclear Operations, Inc.  
 Status of Funding for Managing Irradiated Fuel – Pilgrim  
 For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

<b>Pilgrim Nuclear Power Station - SAFSTOR Methodology</b>									
<b>Annual Cash Flow Analysis - Total License Termination Only</b>									
(In Thousands in 2018 Dollars)									
<b>Year</b>	<b>Column 1 50.75 License Termination Cost (thousands)</b>	<b>Column 2 50.54 (bb) Spent Fuel Management Cost (thousands)</b>	<b>Column 3 Exclude Dry Fuel Spent Fuel Management Cost (thousands)</b>	<b>Column 4 License Termination Cost plus Spent Fuel Management Cost less Dry Fuel Cost (thousands)</b>	<b>Column 5 Beginning of Year Trust Fund Balance (thousands)</b>	<b>Column 6 Withdraw (thousands)</b>	<b>Column 7 Contribute (thousands)</b>	<b>Column 8 Trust Fund Earnings (thousands)</b>	<b>Column 9 Year Ending Trust Fund Balance (thousands)</b>
2019	119,166		0	119,166	1,027,714	119,166	0	18,171	926,719
2020	61,574		0	61,574	926,719	61,574	0	17,303	882,449
2021	46,032		0	46,032	882,449	46,032	0	16,728	853,145
2022	43,799		0	43,799	853,145	43,799	0	16,187	825,533
2023	14,516		0	14,516	825,533	14,516	0	16,220	827,237
2024	6,897			6,897	827,237	6,897	0	16,407	836,746
2025	6,259			6,259	836,746	6,259	0	16,610	847,097
2026	5,884			5,884	847,097	5,884	0	16,824	858,038
2027	5,884			5,884	858,038	5,884	0	17,043	869,198
2028	5,897			5,897	869,198	5,897	0	17,266	880,566
2029	5,884			5,884	880,566	5,884	0	17,494	892,176
2030	5,884			5,884	892,176	5,884	0	17,726	904,018
2031	5,884			5,884	904,018	5,884	0	17,963	916,098
2032	5,897			5,897	916,098	5,897	0	18,204	928,404
2033	5,884			5,884	928,404	5,884	0	18,450	940,971
2034	5,884			5,884	940,971	5,884	0	18,702	953,789
2035	5,884			5,884	953,789	5,884	0	18,958	966,864
2036	5,897			5,897	966,864	5,897	0	19,219	980,186
2037	5,884			5,884	980,186	5,884	0	19,486	993,788
2038	5,884			5,884	993,788	5,884	0	19,758	1,007,663
2039	5,884			5,884	1,007,663	5,884	0	20,036	1,021,815
2040	5,897			5,897	1,021,815	5,897	0	20,318	1,036,236
2041	5,884			5,884	1,036,236	5,884	0	20,607	1,050,959
2042	5,884			5,884	1,050,959	5,884	0	20,902	1,065,977
2043	5,884			5,884	1,065,977	5,884	0	21,202	1,081,295
2044	5,897			5,897	1,081,295	5,897	0	21,508	1,096,906
2045	5,884			5,884	1,096,906	5,884	0	21,820	1,112,843
2046	5,884			5,884	1,112,843	5,884	0	22,139	1,129,098
2047	5,884			5,884	1,129,098	5,884	0	22,464	1,145,679

**Entergy Nuclear Operations, Inc.  
Status of Funding for Managing Irradiated Fuel – Pilgrim  
For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

2048	5,897		5,897	1,145,679	5,897	0	22,796	1,162,577
2049	5,884		5,884	1,162,577	5,884	0	23,134	1,179,828
2050	5,884		5,884	1,179,828	5,884	0	23,479	1,197,423
2051	5,884		5,884	1,197,423	5,884	0	23,831	1,215,370
2052	5,897		5,897	1,215,370	5,897	0	24,189	1,233,662
2053	5,884		5,884	1,233,662	5,884	0	24,556	1,252,334
2054	5,884		5,884	1,252,334	5,884	0	24,929	1,271,380
2055	5,884		5,884	1,271,380	5,884	0	25,310	1,290,806
2056	5,897		5,897	1,290,806	5,897	0	25,698	1,310,607
2057	5,884		5,884	1,310,607	5,884	0	26,094	1,330,818
2058	5,884		5,884	1,330,818	5,884	0	26,499	1,351,433
2059	5,884		5,884	1,351,433	5,884	0	26,911	1,372,460
2060	5,897		5,897	1,372,460	5,897	0	27,331	1,393,894
2061	5,884		5,884	1,393,894	5,884	0	27,760	1,415,771
2062	5,884		5,884	1,415,771	5,884	0	28,198	1,438,085
2063	4,697		4,697	1,438,085	4,697	0	28,668	1,462,055
2064	4,710		4,710	1,462,055	4,710	0	29,147	1,486,492
2065	4,697		4,697	1,486,492	4,697	0	29,636	1,511,431
2066	4,697		4,697	1,511,431	4,697	0	30,135	1,536,868
2067	4,697		4,697	1,536,868	4,697	0	30,643	1,562,815
2068	4,710		4,710	1,562,815	4,710	0	31,162	1,589,267
2069	4,697		4,697	1,589,267	4,697	0	31,691	1,616,261
2070	4,697		4,697	1,616,261	4,697	0	32,231	1,643,795
2071	4,697		4,697	1,643,795	4,697	0	32,782	1,671,880
2072	4,710		4,710	1,671,880	4,710	0	33,343	1,700,513
2073	28,634		28,634	1,700,513	28,634	0	33,438	1,705,317
2074	61,751		61,751	1,705,317	61,751	0	32,871	1,676,437
2075	160,046		160,046	1,676,437	160,046	0	30,328	1,546,719
2076	138,344		138,344	1,546,719	138,344	0	28,168	1,436,543
2077	120,920		120,920	1,436,543	120,920	0	26,312	1,341,935
2078	96,205		96,205	1,341,935	96,205	0	24,915	1,270,645
2079	18,888		18,888	1,270,645	18,888	0	25,035	1,276,792
2080	137		137	1,276,792	137	0	25,533	1,302,188
	1,187,994	0	0	1,187,994	1,187,994	0	1,462,468	1,302,188

**Entergy Nuclear Operations, Inc.**  
**Status of Funding for Managing Irradiated Fuel – Pilgrim**  
**For Year Ending December 31, 2018 - 10 CFR 50.82(a)(8)(vii)**

References:

1. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Post Shutdown Decommissioning Activities Report," dated November 16, 2018 (Accession No. ML18320A034)
2. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Decommissioning Funding Status Report per 10 CFR §50.75(f)(1) and 10 CFR 50.82(a)(8)(v) -- Entergy Nuclear Operations, Inc.," CNRO-2019-00005, dated March 2019
3. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Update to Irradiated Fuel Management Program Pursuant to 10 CFR 50.54(bb)," dated November 16, 2018 (Accession No. ML18320A036)
4. Letter, Entergy Nuclear Operations, Inc. to USNRC, "Request for Exemption from 10 CFR 50.82(a)(8)(i)(A), Pilgrim Nuclear Power Station," dated November 16, 2018 (Accession No. ML18320A037)