



Maureen R. Zawalick
Vice President
Generation Business
and Technical Services

Diablo Canyon Power Plant
Mail code 104/6/608
P.O. Box 56
Avila Beach, CA 93424

805.545.4242
Internal: 691.4242

March 31, 2021

PG&E Letter DCL-21-026

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

10 CFR 50.75(f)
10 CFR 50.82(a)(8)(v)
10 CFR 50.82(a)(8)(vii)

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Decommissioning Funding Report for Diablo Canyon Power Plant, Units 1 and 2

Reference:

1. PG&E Letter DCL-19-082, "Diablo Canyon Power Plant, Units 1 and 2 – Site-Specific Decommissioning Cost Estimate," dated December 4, 2019 (ML19345D344 and ML19345D345)
2. NRC Letter, "Diablo Canyon Power Plant, Units 1 and 2 – Exemptions from the Requirements of 10 CFR Part 50, Sections 50.82(a)(8)(i)(A) and 50.82(a)(8)(ii) (EPID L-2018-LLE-0023)," dated September 10, 2019 (ML19163A104)
3. Application No. 18-07-013, "Joint Motion for Adoption of Settlement Agreement Among Pacific Gas and Electric Company (U 39 E), The Utility Reform Network, Public Advocates Office at the California Public Utilities Commission, Alliance For Nuclear Responsibility, County of San Luis Obispo, yak tityu tityu yak tilhini Northern Chumash Cultural Preservation Kinship, and Women's Energy Matters," Filed with the California Public Utilities Commission on January 10, 2020
4. CPUC Decision 21-03-020, "Order Extending Statutory Deadline," dated March 8, 2021

Dear Commissioners and Staff:

Pacific Gas and Electric Company (PG&E) is submitting the decommissioning funding report for Diablo Canyon Power Plant (DCPP), Units 1 and 2, pursuant to the requirements of 10 CFR 50.75(f). In Reference 1, PG&E submitted the site-specific decommissioning cost estimate (DCE) for DCPP Units 1 and 2. In accordance with 10 CFR 50.82(a)(8)(v), after submitting the site-specific DCE, and until the licensee has

completed its final radiation survey and demonstrated that residual radioactivity has been reduced to a level that permits termination of its license, licensees must annually submit to the NRC, by March 31, a financial assurance status report. In addition, in accordance with 10 CFR 50.82(a)(8)(vii), after submitting the site-specific DCE, the licensee must annually submit to the NRC, by March 31, a report on the status of funding for managing irradiated fuel.

In Reference 2, the NRC granted PG&E an exemption request to allow withdrawal of \$187.8 million (\$2017) from the Diablo Canyon Nuclear Decommissioning Trust (NDT) to fund radiological decommissioning, spent fuel management, and site restoration planning activities prior to permanent cessation of operations. As of the date of this submittal, PG&E has not withdrawn any funds from the Diablo Canyon NDT to support decommissioning activities.

Diablo Canyon Power Plant, Units 1 and 2

At the end of calendar year 2020, the market values of the DCCP Units 1 (3411 MWt) and 2 (3411 MWt) decommissioning trust fund were \$1,757.6 million and \$2,298.6 million, respectively. The current balance of the trust for units 1 and 2 satisfies the requirements pursuant to 10 CFR 50.75(c).

Supporting Cost Estimates

PG&E prepared a site-specific DCE that was submitted to the California Public Utilities Commission (CPUC) in the 2018 Nuclear Decommissioning Cost Triennial Proceeding (NDCTP) on December 13, 2018. On January 10, 2020, PG&E and several interested parties to the 2018 NDCTP filed a settlement agreement which is currently under review with the CPUC (Reference 3). The CPUC has extended the deadline for a decision to September 13, 2021 (Reference 4). Based on the site-specific DCE, PG&E estimates that the license termination decommissioning costs are approximately \$1,711.7 million for DCCP Unit 1 and \$1,709.2 million for Unit 2 in 2021 dollars. These costs do not include site restoration of the facilities (\$781.5 million in 2021 dollars) or spent fuel management costs after shutdown of Units 1 and 2 (\$1,327.0 million in 2021 dollars).

To assure that sufficient funds will be available for decommissioning, PG&E has established separate external sinking trust fund accounts for DCCP, Units 1 and 2. As part of the 2018 NDCTP filing, PG&E requested approval from the CPUC to collect additional funds for decommissioning DCCP Units 1 and 2.

Supporting Enclosures

Enclosure 1 provides decommissioning funding status information in a format suggested by the Nuclear Energy Institute (NEI) and the NRC.

Enclosure 2 is a cash flow for the total decommissioning of DCPD that identifies the monies for NRC scope (removal of radiological contamination), site restoration (including non-radiological work), and the spent fuel management based on the 2018 NDCTP Cost Estimate by unit. The cash flows provided in Enclosure 2 represent the forecasted cost for radiological decommissioning, site restoration, and spent fuel management, and do not represent separate sub-accounts within the decommissioning trust fund.

PG&E makes no new or revised regulatory commitments (as defined by NEI 99-04) in this letter.

Should you have any questions, please contact Mr. Philippe Soenen at (805) 459-3701.

Sincerely,



Maureen R. Zawalick
Vice President Generation, Business and Technical Services

Enclosures

cc: Diablo Distribution
cc/enc: Donald R. Krausse, NRC Senior Resident Inspector
Samson S. Lee, NRR Senior Project Manager
Scott A. Morris, NRC Region IV Administrator
INPO

NRC Decommissioning Funding Status Report

Diablo Canyon Power Plant – Units 1 (3411 MWt) and 2 (3411 MWt)

**NRC Decommissioning Funding Status Report
Diablo Canyon Power Plant - Units 1 (3411 MWt) & 2 (3411 MWt)**

As provided in 10 CFR 50.75(f)(1), each power reactor licensee is required to report to the NRC on a calendar year basis, beginning on March 31, 1999, and every 2 years thereafter, on the status of its decommissioning funding for each reactor or share of reactor it owns. Any licensee for a plant that is within 5 years of the projected end of its operation, shall submit this report annually.

Note that items 3 and 8 are data included in PG&E's Nuclear Decommissioning Cost Triennial Proceeding filed with the California Public Utilities Commission (CPUC) on December 13, 2018. The CPUC has extended the deadline for a decision to September 13, 2021.

1. The minimum decommissioning fund estimate, pursuant to 10 CFR 50.75 (b) and (c)¹

	<u>\$ in Millions</u>
Value in January 2021 dollars	Unit 1: \$ 688.7
	Unit 2: \$ 688.7

2. The amount accumulated at the end of the calendar year preceding the date of the report for items included in 10 CFR 50.75 (b) and (c). (Alternatively, the total amount accumulated at the end of the calendar year preceding the date of the report can be reported here if the cover letter transmitting the report provides the total estimate and indicates what portion of that estimate is for items not included in 10 CFR 50.75 (b) and (c)).

	<u>\$ in Millions</u>
Market Value (December 2020 dollars)	Unit 1: \$ 1,757.6
	Unit 2: \$ 2,298.6

3. A schedule of the annual amounts remaining to be collected include items beyond those required in 10 CFR 50.75 (b) and (c). (The cover letter transmitting the report provides a total cost estimate and indicates the portions of that estimate for items that are not included in 10 CFR 50.75 (b) and (c)).

¹ The NRC formulas in section 10 CFR 50.75(c) include only those decommissioning costs incurred by licensees to remove a facility or site safely from service and reduce residual radioactivity to levels that permit: (1) release of the property for unrestricted use and termination of the license; or (2) release of the property under restricted conditions and termination of the license. The cost of dismantling or demolishing non-radiological systems and structures is not included in the NRC decommissioning cost estimates. The costs of managing and storing spent fuel on site until transfer to DOE are not included in the cost formulas.

Nominal \$ in Millions			
Contribution Period	Unit 1	Unit 2	Total
2021	\$483.386	\$331.988	\$815.374
2022	\$241.693	\$165.994	\$407.687
2023	\$248.092	\$173.020	\$421.112
2024	\$248.092	\$173.020	\$421.112
2025	\$153.020	\$153.020	\$153.020
Total	\$1,221.262	\$997.042	\$2,218.304

4. The assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections.

Escalation Rates in Decommissioning Costs

<u>Year</u>	<u>PG&E Labor</u>	<u>Materials Equipment</u>	<u>Contract Labor</u>	<u>Burial Costs</u>	<u>Other</u>
2020	0.0330	0.0186	0.0342	0.0670	0.0267
2021	0.0330	0.0152	0.0347	0.0670	0.0255
2022	0.0330	0.0140	0.0343	0.0670	0.0243
2023	0.0330	0.0147	0.0339	0.0670	0.0233
2024	0.0330	0.0148	0.0337	0.0670	0.0221
2025	0.0330	0.0145	0.0335	0.0670	0.0213
2026	0.0330	0.0141	0.0330	0.0670	0.0210
2027	0.0330	0.0141	0.0315	0.0670	0.0207
2028	0.0330	0.0140	0.0312	0.0670	0.0206
2029	0.0330	0.0136	0.0307	0.0670	0.0204
2030	0.0330	0.0131	0.0300	0.0670	0.0201
2031	0.0330	0.0125	0.0300	0.0670	0.0198
2032	0.0330	0.0124	0.0301	0.0670	0.0199
2033	0.0330	0.0128	0.0301	0.0670	0.0202
2034	0.0330	0.0127	0.0301	0.0670	0.0201
2035	0.0330	0.0126	0.0301	0.0670	0.0203
2036	0.0330	0.0128	0.0301	0.0670	0.0204
2037	0.0330	0.0129	0.0300	0.0670	0.0205
2038	0.0330	0.0130	0.0298	0.0670	0.0207
2039	0.0330	0.0131	0.0298	0.0670	0.0208
2040	0.0330	0.0133	0.0299	0.0670	0.0210
2041	0.0330	0.0136	0.0300	0.0670	0.0214
2042	0.0330	0.0138	0.0301	0.0670	0.0215

2043	0.0330	0.0140	0.0303	0.0670	0.0218
2044	0.0330	0.0143	0.0305	0.0670	0.0221
2045	0.0330	0.0145	0.0306	0.0670	0.0223
2046	0.0330	0.0146	0.0306	0.0670	0.0225
2047	0.0330	0.0147	0.0306	0.0670	0.0226
2048	0.0330	0.0150	0.0308	0.0670	0.0230
2049	0.0330	0.0147	0.0306	0.0670	0.0227
2050	0.0330	0.0147	0.0306	0.0670	0.0227
2051	0.0330	0.0147	0.0306	0.0670	0.0227
2052	0.0330	0.0147	0.0306	0.0670	0.0227
2053	0.0330	0.0147	0.0306	0.0670	0.0227
2054	0.0330	0.0147	0.0306	0.0670	0.0227
2055	0.0330	0.0147	0.0306	0.0670	0.0227
2056	0.0330	0.0147	0.0306	0.0670	0.0227
2057	0.0330	0.0147	0.0306	0.0670	0.0227
2058	0.0330	0.0147	0.0306	0.0670	0.0227
2059	0.0330	0.0147	0.0306	0.0670	0.0227
2060	0.0330	0.0147	0.0306	0.0670	0.0227
2061	0.0330	0.0147	0.0306	0.0670	0.0227
2062	0.0330	0.0147	0.0306	0.0670	0.0227
2063	0.0330	0.0147	0.0306	0.0670	0.0227
2064	0.0330	0.0147	0.0306	0.0670	0.0227
2065	0.0330	0.0147	0.0306	0.0670	0.0227
2066	0.0330	0.0147	0.0306	0.0670	0.0227
2067	0.0330	0.0147	0.0306	0.0670	0.0227
2068	0.0330	0.0147	0.0306	0.0670	0.0227
2069	0.0330	0.0147	0.0306	0.0670	0.0227
2070	0.0330	0.0147	0.0306	0.0670	0.0227
2071	0.0330	0.0147	0.0306	0.0670	0.0227
2072	0.0330	0.0147	0.0306	0.0670	0.0227
2073	0.0330	0.0147	0.0306	0.0670	0.0227
2074	0.0330	0.0147	0.0306	0.0670	0.0227
2075	0.0330	0.0147	0.0306	0.0670	0.0227
2076	0.0330	0.0147	0.0306	0.0670	0.0227

Rate of Earnings on Decommissioning Funds

PG&E has assumed a 2 percent real rate of return on decommissioning funds as allowed by 10 CFR 50.75(E)(1)(i).

5. Any contracts upon which the licensee is relying pursuant to 10 CFR 50.75(e)(1)(v).

NONE

6. Any modifications to a licensee's current method of providing financial assurance occurring since the last submitted report.

NONE

7. Any material changes to trust agreements.

NONE

8. Current decommissioning cost estimate in 2021 dollars.

	<u>\$ in Millions</u>
Total NRC Decommissioning Costs	\$ 1,711.7
Scope Excluded from NRC calculations	\$ 214.5
Spent Fuel Management	\$ 679.0
<hr/>	
Total Unit 1 (Decommission 2024)	\$ 2,605.2

	<u>\$ in Millions</u>
Total NRC Decommissioning Costs	\$ 1,709.2
Scope Excluded from NRC calculations	\$ 567.1
Spent Fuel Management	\$ 648.0
<hr/>	
Total Unit 2 (Decommission 2025)	\$ 2,924.2

**Decommissioning Cash Flow
2021 Dollars
Diablo Canyon Power Plant Unit 1
(1 page)**

**Decommissioning Cash Flow
2021 Dollars
Diablo Canyon Power Plant Unit 2
(1 page)**

Diablo Canyon Power Plant - Unit 1

Decommissioning Cash Flow⁽¹⁾

Estimated in Nominal/2021 Dollars

A	B	C	D	E	F	G	H	I
Year	Beginning of Year Trust Balance	License Termination	Site Restoration	Spent Fuel Management	Total Cost (Withdrawal)	Contributions ⁽²⁾	Earnings ⁽³⁾	End of Year Trust Balance
	I (previous year)				C+D+E		((B-F)*0.02)*0.7292	B-F+G+H
2010		\$ 7,445			\$ 7,445			
2011		\$ 55,564			\$ 55,564			
2016		\$ 245,827			\$ 245,827			
2017		\$ 3,373,713		\$ 1,319	\$ 3,375,033			
2018		\$ 10,043,162	\$ 67,287	\$ 244,115	\$ 10,354,563			
2019		\$ 2,175,207	\$ 954,087	\$ 963,249	\$ 4,092,543			
2020		\$ 4,546,832	\$ 915,600	\$ 476,469	\$ 5,938,901			\$ 1,521,474,522 ⁽⁴⁾
2021	\$ 1,521,474,522	\$ 13,226,241	\$ 1,951,671	\$ 400,432	\$ 15,578,344	\$ 483,386,000	\$ 21,964,399	\$ 2,011,246,577
2022	\$ 2,011,246,577	\$ 10,628,450	\$ 1,953,568	\$ 404,988	\$ 12,987,007	\$ 241,693,000	\$ 29,145,815	\$ 2,269,098,385
2023	\$ 2,269,098,385	\$ 14,258,014	\$ 2,494,799	\$ 414,981	\$ 17,167,794	\$ 248,092,000	\$ 32,845,759	\$ 2,532,868,350
2024	\$ 2,532,868,350	\$ 40,626,272	\$ 7,671,354	\$ 1,549,004	\$ 49,846,629	\$ 248,092,000	\$ 36,216,362	\$ 2,767,330,082
2025	\$ 2,767,330,082	\$ 129,167,369	\$ 5,868,471	\$ 15,800,060	\$ 150,835,900		\$ 38,163,138	\$ 2,654,657,320
2026	\$ 2,654,657,320	\$ 113,744,901	\$ 4,956,853	\$ 33,355,777	\$ 152,057,531		\$ 36,501,919	\$ 2,539,101,708
2027	\$ 2,539,101,708	\$ 108,458,408	\$ 5,745,396	\$ 27,125,091	\$ 141,328,894		\$ 34,972,955	\$ 2,432,745,770
2028	\$ 2,432,745,770	\$ 97,104,562	\$ 4,289,777	\$ 26,565,729	\$ 127,960,068		\$ 33,616,682	\$ 2,338,402,384
2029	\$ 2,338,402,384	\$ 102,264,352	\$ 4,960,544	\$ 41,939,522	\$ 149,164,417		\$ 31,931,349	\$ 2,216,169,316
2030	\$ 2,221,169,316	\$ 108,383,996	\$ 5,561,003	\$ 135,944,008	\$ 249,889,006		\$ 28,752,306	\$ 2,000,032,617
2031	\$ 2,000,032,617	\$ 141,882,787	\$ 7,033,371	\$ 58,335,173	\$ 207,251,331		\$ 26,148,791	\$ 1,818,930,076
2032	\$ 1,818,930,076	\$ 207,029,685	\$ 6,903,880	\$ 13,659,897	\$ 227,593,462		\$ 23,210,599	\$ 1,614,547,213
2033	\$ 1,614,547,213	\$ 210,279,889	\$ 6,233,856	\$ 5,778,550	\$ 222,292,295		\$ 20,306,873	\$ 1,412,561,791
2034	\$ 1,412,561,791	\$ 177,235,051	\$ 6,127,739	\$ 6,397,932	\$ 189,760,721		\$ 17,835,287	\$ 1,240,636,357
2035	\$ 1,240,636,357	\$ 110,445,797	\$ 21,610,295	\$ 7,756,905	\$ 139,812,997		\$ 16,056,169	\$ 1,116,879,530
2036	\$ 1,116,879,530	\$ 37,722,549	\$ 38,375,406	\$ 6,115,433	\$ 82,213,388		\$ 15,091,226	\$ 1,049,757,368
2037	\$ 1,049,757,368	\$ 37,748,960	\$ 37,990,252	\$ 5,728,199	\$ 81,467,411		\$ 14,123,090	\$ 982,413,047
2038	\$ 982,413,047	\$ 31,067,653	\$ 37,781,678	\$ 6,809,855	\$ 75,659,186		\$ 13,225,549	\$ 919,979,410
2039	\$ 919,979,410		\$ 35,673	\$ 6,660,767	\$ 6,696,440		\$ 13,320,780	\$ 926,603,751
2040	\$ 926,603,751		\$ 35,770	\$ 8,473,321	\$ 8,509,091		\$ 13,390,961	\$ 931,485,621
2041	\$ 931,485,621		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 13,488,606	\$ 938,277,861
2042	\$ 938,277,861		\$ 35,673	\$ 7,221,610	\$ 7,257,282		\$ 13,579,494	\$ 944,600,072
2043	\$ 944,600,072		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 13,679,888	\$ 951,583,594
2044	\$ 951,583,594		\$ 35,770	\$ 7,239,858	\$ 7,275,629		\$ 13,773,298	\$ 958,081,264
2045	\$ 958,081,264		\$ 35,673	\$ 7,894,132	\$ 7,929,805		\$ 13,858,529	\$ 964,009,988
2046	\$ 964,009,988		\$ 35,673	\$ 7,221,610	\$ 7,257,282		\$ 13,954,812	\$ 970,707,518
2047	\$ 970,707,518		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 14,060,681	\$ 978,071,833
2048	\$ 978,071,833		\$ 35,770	\$ 7,239,858	\$ 7,275,629		\$ 14,159,645	\$ 984,955,850
2049	\$ 984,955,850		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 14,268,502	\$ 992,527,985
2050	\$ 992,527,985		\$ 35,673	\$ 8,495,140	\$ 8,530,813		\$ 14,352,189	\$ 998,349,361
2051	\$ 998,349,361		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 14,463,854	\$ 1,006,116,849
2052	\$ 1,006,116,849		\$ 35,770	\$ 7,239,858	\$ 7,275,629		\$ 14,568,699	\$ 1,013,409,919
2053	\$ 1,013,409,919		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 14,683,521	\$ 1,021,397,074
2054	\$ 1,021,397,074		\$ 35,673	\$ 7,221,610	\$ 7,257,282		\$ 14,791,837	\$ 1,028,931,629
2055	\$ 1,028,931,629		\$ 35,673	\$ 7,894,132	\$ 7,929,805		\$ 14,891,924	\$ 1,035,893,748
2056	\$ 1,035,893,748		\$ 35,770	\$ 7,239,858	\$ 7,275,629		\$ 15,003,012	\$ 1,043,621,132
2057	\$ 1,043,621,132		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 15,124,170	\$ 1,052,048,936
2058	\$ 1,052,048,936		\$ 35,673	\$ 7,221,610	\$ 7,257,282		\$ 15,238,913	\$ 1,060,030,566
2059	\$ 1,060,030,566		\$ 35,673	\$ 6,660,693	\$ 6,696,366		\$ 15,363,511	\$ 1,068,697,712
2060	\$ 1,068,697,712		\$ 242,162	\$ 9,485,312	\$ 9,727,474		\$ 15,445,716	\$ 1,074,415,954
2061	\$ 1,074,415,954		\$ 669,579	\$ 8,424,168	\$ 9,093,747		\$ 15,538,364	\$ 1,080,860,571
2062	\$ 1,080,860,571		\$ 479,337	\$ 10,271,062	\$ 10,750,399		\$ 15,608,199	\$ 1,085,718,370
2063	\$ 1,085,718,370		\$ 606,688	\$ 9,975,268	\$ 10,581,956		\$ 15,681,510	\$ 1,090,817,924
2064	\$ 1,090,817,924		\$ 383,112	\$ 8,097,148	\$ 8,480,260		\$ 15,786,544	\$ 1,098,124,208
2065	\$ 1,098,124,208		\$ 366,674	\$ 9,087,727	\$ 9,454,401		\$ 15,878,902	\$ 1,104,548,709
2066	\$ 1,104,548,709		\$ 257,942	\$ 34,548,121	\$ 34,806,063		\$ 15,602,838	\$ 1,085,345,485
2067	\$ 1,085,345,485		\$ 316,330	\$ 15,892,453	\$ 16,208,783		\$ 15,594,000	\$ 1,084,730,702
2068	\$ 1,084,730,702		\$ 387,986	\$ 9,989,456	\$ 10,377,441		\$ 15,670,087	\$ 1,090,023,347
2069	\$ 1,090,023,347		\$ 232,906	\$ 7,000,596	\$ 7,233,502		\$ 15,793,140	\$ 1,098,582,985
2070	\$ 1,098,582,985		\$ 306,131	\$ 3,716,658	\$ 4,022,789		\$ 15,964,817	\$ 1,110,525,013
2071	\$ 1,110,525,013		\$ 6,971	\$ 1,438,373	\$ 1,445,344		\$ 16,176,592	\$ 1,125,256,261
2072	\$ 1,125,256,261			\$ 1,947,518	\$ 1,947,518		\$ 16,384,132	\$ 1,139,692,875
2073	\$ 1,139,692,875			\$ 923,278	\$ 923,278		\$ 16,609,638	\$ 1,155,379,235
2074	\$ 1,155,379,235			\$ 923,278	\$ 923,278		\$ 16,838,433	\$ 1,171,294,390
2075	\$ 1,171,294,390			\$ 923,278	\$ 923,278		\$ 17,070,565	\$ 1,187,441,676
2076	\$ 1,187,441,676			\$ 37,943	\$ 37,943		\$ 17,318,996	\$ 1,204,722,729
		\$ 1,711,722,686	\$ 214,452,319	\$ 678,997,235	\$ 2,605,172,241	\$ 1,221,263,000	\$ 1,043,087,571	

NOTES

- 1) Cash Flow assumes Department of Energy (DOE) Used Fuel Repository opens in 2031, and pick-up from DCPD begins in 2038.
- 2) 2018 NDCFP as filed contributions with a delay in 2020 contributions based on delayed final decision.
- 3) Earnings assume a 2% real rate of return and a 27% effective tax rate on earnings.
- 4) Liquidated value of end of year 2020 trust value.

Diablo Canyon Power Plant - Unit 2

Decommissioning Cash Flow⁽¹⁾
Estimated in Nominal/2021 Dollars

A	B	C	D	E	F	G	H	I
Year	Beginning of Year Trust Balance	License Termination	Site Restoration	Spent Fuel Management	Total Cost (Withdrawal)	Contributions ⁽²⁾	Earnings ⁽³⁾	End of Year Trust Balance
	I (previous year)				C+D+E		((B-F)*0.02)*0.7292	B-F+G+H
2010		\$ 7,445			\$ 7,445			
2011		\$ 55,564			\$ 55,564			
2016		\$ 245,827			\$ 245,827			
2017		\$ 3,373,713		\$ 1,319	\$ 3,375,033			
2018		\$ 10,043,162	\$ 67,287	\$ 244,115	\$ 10,354,563			
2019		\$ 2,175,207	\$ 954,087	\$ 963,249	\$ 4,092,543			
2020		\$ 4,546,832	\$ 915,600	\$ 476,469	\$ 5,938,901			\$ 1,994,578,104 ⁽⁴⁾
2021	\$ 1,994,578,104	\$ 11,782,920	\$ 1,951,671	\$ 400,432	\$ 14,135,023	\$ 331,988,000	\$ 28,885,951	\$ 2,341,317,032
2022	\$ 2,341,317,032	\$ 10,628,450	\$ 1,953,568	\$ 404,988	\$ 12,987,007	\$ 165,994,000	\$ 33,960,090	\$ 2,528,284,115
2023	\$ 2,528,284,115	\$ 13,829,796	\$ 4,793,551	\$ 414,981	\$ 19,038,328	\$ 173,020,000	\$ 36,598,855	\$ 2,718,864,643
2024	\$ 2,718,864,643	\$ 23,742,783	\$ 9,576,764	\$ 1,125,389	\$ 34,444,935	\$ 173,020,000	\$ 39,153,872	\$ 2,896,593,580
2025	\$ 2,896,593,580	\$ 134,661,979	\$ 18,145,527	\$ 15,910,658	\$ 168,718,164	\$ 153,020,000	\$ 39,787,700	\$ 2,920,683,116
2026	\$ 2,920,683,116	\$ 93,012,497	\$ 16,158,790	\$ 33,341,211	\$ 142,512,499		\$ 40,521,285	\$ 2,818,691,902
2027	\$ 2,818,691,902	\$ 125,861,673	\$ 12,915,656	\$ 27,110,525	\$ 165,887,854		\$ 38,692,739	\$ 2,691,496,787
2028	\$ 2,691,496,787	\$ 87,600,094	\$ 8,538,677	\$ 25,970,476	\$ 122,109,247		\$ 37,476,059	\$ 2,606,863,599
2029	\$ 2,606,863,599	\$ 115,492,395	\$ 7,547,243	\$ 26,067,587	\$ 149,107,225		\$ 35,847,851	\$ 2,493,604,225
2030	\$ 2,493,604,225	\$ 84,540,316	\$ 22,545,104	\$ 27,306,486	\$ 134,391,906		\$ 34,410,527	\$ 2,393,622,846
2031	\$ 2,393,622,846	\$ 103,635,247	\$ 20,315,417	\$ 83,576,701	\$ 207,527,365		\$ 31,885,514	\$ 2,217,980,995
2032	\$ 2,217,980,995	\$ 221,951,572	\$ 14,925,819	\$ 21,587,977	\$ 258,465,369		\$ 28,580,711	\$ 1,988,096,337
2033	\$ 1,988,096,337	\$ 287,543,847	\$ 2,805,546	\$ 5,929,315	\$ 296,278,708		\$ 24,676,175	\$ 1,716,493,805
2034	\$ 1,716,493,805	\$ 207,987,043	\$ 18,884,095	\$ 6,540,806	\$ 233,411,945		\$ 21,631,639	\$ 1,504,713,499
2035	\$ 1,504,713,499	\$ 115,312,633	\$ 69,974,667	\$ 7,899,779	\$ 193,187,080		\$ 19,129,400	\$ 1,330,655,820
2036	\$ 1,330,655,820	\$ 18,863,312	\$ 110,641,846	\$ 6,259,862	\$ 135,765,021		\$ 17,428,199	\$ 1,212,318,998
2037	\$ 1,212,318,998	\$ 18,915,914	\$ 114,231,138	\$ 5,871,074	\$ 139,018,127		\$ 15,654,737	\$ 1,088,955,608
2038	\$ 1,088,955,608	\$ 13,368,815	\$ 83,254,474	\$ 6,245,963	\$ 102,869,252		\$ 14,382,661	\$ 1,000,469,018
2039	\$ 1,000,469,018		\$ 1,272,538	\$ 7,179,139	\$ 8,451,677		\$ 14,469,168	\$ 1,006,486,509
2040	\$ 1,006,486,509		\$ 782,954	\$ 7,912,423	\$ 8,695,377		\$ 14,553,382	\$ 1,012,344,514
2041	\$ 1,012,344,514		\$ 608,024	\$ 7,221,628	\$ 7,829,652		\$ 14,651,452	\$ 1,019,166,314
2042	\$ 1,019,166,314		\$ 608,024	\$ 6,660,711	\$ 7,268,736		\$ 14,759,133	\$ 1,026,656,712
2043	\$ 1,026,656,712		\$ 624,762	\$ 7,221,628	\$ 7,846,389		\$ 14,859,960	\$ 1,033,670,282
2044	\$ 1,033,670,282		\$ 35,770	\$ 6,678,960	\$ 6,714,730		\$ 14,978,763	\$ 1,041,934,315
2045	\$ 1,041,934,315		\$ 35,673	\$ 8,455,066	\$ 8,490,739		\$ 15,073,395	\$ 1,048,516,971
2046	\$ 1,048,516,971		\$ 35,673	\$ 6,660,711	\$ 6,696,384		\$ 15,195,578	\$ 1,057,016,165
2047	\$ 1,057,016,165		\$ 35,673	\$ 7,221,628	\$ 7,257,300		\$ 15,311,363	\$ 1,065,070,227
2048	\$ 1,065,070,227		\$ 35,770	\$ 6,678,960	\$ 6,714,730		\$ 15,436,750	\$ 1,073,792,247
2049	\$ 1,073,792,247		\$ 35,673	\$ 7,221,628	\$ 7,257,300		\$ 15,556,052	\$ 1,082,090,998
2050	\$ 1,082,090,998		\$ 35,673	\$ 7,934,242	\$ 7,969,915		\$ 15,666,700	\$ 1,089,787,784
2051	\$ 1,089,787,784		\$ 35,673	\$ 7,221,628	\$ 7,257,300		\$ 15,789,357	\$ 1,098,319,840
2052	\$ 1,098,319,840		\$ 35,770	\$ 6,678,960	\$ 6,714,730		\$ 15,921,715	\$ 1,107,526,825
2053	\$ 1,107,526,825		\$ 35,673	\$ 7,221,628	\$ 7,257,300		\$ 16,048,091	\$ 1,116,317,616
2054	\$ 1,116,317,616		\$ 35,673	\$ 6,660,711	\$ 6,696,384		\$ 16,184,491	\$ 1,125,805,723
2055	\$ 1,125,805,723		\$ 35,673	\$ 8,326,032	\$ 8,361,705		\$ 16,298,591	\$ 1,133,742,610
2056	\$ 1,133,742,610		\$ 35,770	\$ 6,678,960	\$ 6,714,730		\$ 16,438,378	\$ 1,143,466,258
2057	\$ 1,143,466,258		\$ 35,673	\$ 7,350,662	\$ 7,386,335		\$ 16,570,407	\$ 1,152,650,330
2058	\$ 1,152,650,330		\$ 35,673	\$ 6,660,711	\$ 6,696,384		\$ 16,714,426	\$ 1,162,668,372
2059	\$ 1,162,668,372		\$ 35,673	\$ 7,221,628	\$ 7,257,300		\$ 16,852,364	\$ 1,172,263,435
2060	\$ 1,172,263,435		\$ 242,162	\$ 8,924,414	\$ 9,166,576		\$ 16,964,466	\$ 1,180,061,325
2061	\$ 1,180,061,325		\$ 669,579	\$ 8,985,102	\$ 9,654,681		\$ 17,071,083	\$ 1,187,477,727
2062	\$ 1,187,477,727		\$ 479,337	\$ 9,710,164	\$ 10,189,501		\$ 17,171,455	\$ 1,194,459,681
2063	\$ 1,194,459,681		\$ 606,688	\$ 10,536,202	\$ 11,142,890		\$ 17,259,385	\$ 1,200,576,177
2064	\$ 1,200,576,177		\$ 383,112	\$ 8,822,308	\$ 9,205,420		\$ 17,376,857	\$ 1,208,747,614
2065	\$ 1,208,747,614		\$ 366,674	\$ 10,821,406	\$ 11,188,080		\$ 17,467,124	\$ 1,215,026,659
2066	\$ 1,215,026,659		\$ 555,137	\$ 11,247,478	\$ 11,802,615		\$ 17,549,745	\$ 1,220,773,788
2067	\$ 1,220,773,788		\$ 16,586,425	\$ 47,772,923	\$ 64,359,347		\$ 16,866,998	\$ 1,173,281,439
2068	\$ 1,173,281,439		\$ 795,375	\$ 30,285,079	\$ 31,080,454		\$ 16,659,687	\$ 1,158,860,672
2069	\$ 1,158,860,672		\$ 469,008	\$ 19,724,323	\$ 20,193,332		\$ 16,608,146	\$ 1,155,275,487
2070	\$ 1,155,275,487		\$ 352,058	\$ 15,395,162	\$ 15,747,219		\$ 16,620,703	\$ 1,156,148,971
2071	\$ 1,156,148,971		\$ 6,971	\$ 3,702,908	\$ 3,709,879		\$ 16,809,016	\$ 1,169,248,108
2072	\$ 1,169,248,108			\$ 2,813,973	\$ 2,813,973		\$ 17,013,142	\$ 1,183,447,276
2073	\$ 1,183,447,276			\$ 1,447,212	\$ 1,447,212		\$ 17,240,180	\$ 1,199,240,244
2074	\$ 1,199,240,244			\$ 1,447,212	\$ 1,447,212		\$ 17,470,530	\$ 1,215,263,562
2075	\$ 1,215,263,562			\$ 1,559,143	\$ 1,559,143		\$ 17,702,607	\$ 1,231,407,025
2076	\$ 1,231,407,025			\$ 44,838	\$ 44,838		\$ 17,960,156	\$ 1,249,322,344
		\$ 1,709,179,038	\$ 567,076,512	\$ 647,956,853	\$ 2,924,212,403	\$ 997,042,000	\$ 1,157,844,766	

NOTES

- 1) Cash Flow assumes Department of Energy (DOE) Used Fuel Repository opens in 2031, and pick-up from DCPD begins in 2038.
- 2) 2018 NDCPT as filed contributions with a delay in 2020 contributions based on delayed final decision.
- 3) Earnings assume a 2% real rate of return and a 27% effective tax rate on earnings.
- 4) Liquidated value of end of year 2020 trust value.