Pacific Gas and Electric Company®

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March 26, 2019

PG&E Letter DCL-19-020

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

10 CFR 50.75(f)

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: NRC Letter, "Summary of November 29, 2018 Public Meeting with Pacific Gas and Electric Company to Discuss the Proposed Exemption Request to Withdraw Funds from the Nuclear Decommissioning Trusts to Fund Decommissioning Planning Activities at Diablo Canyon Nuclear Power Plant, Units 1 and 2 (EPID L-2018-LRM-0074)," dated December 31, 2018

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).

Diablo Canyon Power Plant, Units 1 and 2

At the end of calendar year 2018, the market values of the DCPP Units 1 (3411 MWt) and 2 (3411 MWt) decommissioning trust fund were $1,306.3 million and $1,708.5 million, respectively. PG&E currently has more funds in the DCPP, Units 1 and 2, decommissioning trust fund than required to meet the minimum NRC decommissioning amount of $670.2 million (2019 dollars) for each unit that was calculated pursuant to the requirements of 10 CFR 50.75(c). PG&E continues to fund the trust through collections for additional costs beyond those required in 10 CFR 50.75(c).

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Decommissioning Cost Triennial Proceeding (NDCTP) on December 13, 2018. Based on a site-specific decommissioning cost estimate, PG&E estimates that the license termination decommissioning costs are about $1,581.3 million for DCPP Unit 1 and $1,578.4 million for Unit 2 in 2019 dollars. These costs do not include site restoration of the facilities ($738.3 million) or spent fuel management costs ($1,245.9 million) after shutdown of Units 1 and 2.

To assure that sufficient funds will be available for decommissioning, PG&E has established external sinking trust fund accounts for DCPP, 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 provides information on the escalation of the required decommissioning funding amounts from 1986 dollars to 2019 dollars. As required by 10 CFR 50.75(c)(2), and using NUREG-1577, "Standard Review Plan on Power Reactor Licensee Financial Qualifications and Decommissioning Funding Assurance," Revision 1, and NUREG-1307, "Report on Waste Burial Charges," Revision 17, the information includes escalation factors for energy, labor, and waste burial costs. NUREG-1307, Revision 17, assumes for plants that have no disposal site available within their designated low-level waste (LLW) compact, that the cost for disposal of Class A LLW is the same as that for the Clive, Utah disposal facility and for Class B and C LLW is the same as that for the Andrews County, Texas disposal facility including accounting for out-of-compact fees. The State of Texas limits the total non-compact waste disposed at the Compact Waste Facility (CWF) in Andrews County, Texas for out-of-compact generators to 30-percent of licensed capacity. DCPP does not have a disposal site available within its designated Southwestern LLW Compact. NUREG-1307, Revision 17, states that, given these considerations, licensees may want to set aside additional decommissioning trust funds to cover associated future decommissioning costs. Based on the limited number of CWFs currently available and the potential for limited to no availability at the Texas CWF for DCPP LLW disposal when PG&E begins LLW disposal associated with decommissioning, PG&E has used the formula, coefficients, and adjustment factors from NUREG-1307 Revision 17 in the cost analyses, with the exception of the burial/disposition factor. As allowed per NUREG-1307, Revision 17, PG&E used a burial/disposition adjustment factor higher than the burial/disposition adjustment factor provided in NUREG-1307, Revision 17, for plants that have no disposal site available within their designated LLW Compact. To avoid significant future shortfalls in funding and potential enforcement actions, PG&E used the burial/disposition adjustment factor for compact-affiliated disposal for the South Carolina site. The specific decommissioning cost estimate results in a total cost estimate of no less than the amount estimated by

using the parameters presented in NUREG-1307, Revision 17, while accounting for the potential future shortfall in disposal capacity at the CWF in Andrews County, Texas.

Enclosure 3 is a modified version of Table 6-1, "Decommissioning Milestones," from the 2018 NDCTP, adjusted for time period, funding category, and man hours. PG&E then adjusted the cost estimate to reflect costs in nominal/2019 dollars per the NDCTP submitted on December 13, 2018, to the CPUC by applying the escalation factors included in the submittal. The report provides cost estimates for decommissioning of both nuclear and non-nuclear facilities, including the Diablo Canyon Independent Spent Fuel Storage Installation (ISFSI). The costs included in the DCE submitted in the 2018 NDCTP are reflected in 2017 dollars, and the costs in Enclosure 3 are provided in 2019 dollars.

Enclosure 4 is a cash flow for the total decommissioning of DCPP that identifies the monies for NRC scope (removal of radiological contamination), site restoration (including nonradiological work), and the spent fuel management based on the 2018 NDCTP Cost Estimate by unit. The cash flows provided in Enclosure 4 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. The costs included in the DCE submitted in the 2018 NDCTP are reflected in 2017 dollars, and the costs in Enclosure 4 are provided in 2019 dollars.

Enclosure 5 contains the site-specific decommissioning cost estimate report for DCPP Unit 1 and Unit 2, prepared for the 2018 NDCTP and submitted in December 2018. The report provides cost estimates for the decommissioning of the nuclear, non-nuclear facilities, and spent fuel management, including operation and decommissioning of the ISFSI in 2017 dollars. Enclosure 5 contains confidential information that should be withheld from public disclosure in accordance with 10 CFR 2.390. PG&E notes that the darker shaded boxes in Table 3-9 of Enclosure 5 do not contain any data. The costs included in Enclosure 5 are reflected in 2017 dollars.

Enclosure 6 contains the redacted version of the site-specific decommissioning cost estimate report for DCPP Unit 1 and Unit 2 prepared for the 2018 NDCTP. The costs included in Enclosure 6 are reflected in 2017 dollars.

Enclosure 7 contains a Financial Information Affidavit pursuant to 10 CFR 2.390. The Affidavit sets forth the basis for which specific information included in Enclosure 5 may be withheld from public disclosure by the Commission and addresses the considerations listed in 10 CFR 2.390(b)(4). All documents within the

scope of this affidavit are marked as "Confidential Information - Withhold Under 10 CFR 2.390."

On November 29, 2018, PG&E had a meeting with the NRC to discuss an exemption request related to the DCPP Decommissioning Trust Fund (Reference 1). Based on discussions during the meeting, related to previous DCPP biennial decommissioning funding status submittals, PG&E would like to clarify the structure of the trust. PG&E maintains a Nuclear Decommissioning Trust, with separate accounts for each unit. The balance for each account represents a total amount accumulated for decommissioning and is not separated into sub-accounts for radiological decommissioning, spent fuel management, and site restoration. PG&E is evaluating the need for a mechanism to separate the total trust balance for each unit into funds accumulated for radiological decommissioning, spent fuel management, and site restoration. This has been entered in the corrective action program for evaluation.

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,

James M. Welsch
Vice President Nuclear Generation and Chief Nuclear Officer

Enclosures
cc: Diablo Distribution
cc/enc: Scott A. Morris, NRC Region IV Administrator
Balwant K. Singal, NRR Senior Project Manager
INPO (without Enclosure 5)

Pacific Gas and Electric Company
Confidential Financial Information Affidavit

Pacific Gas and Electric Company (PG&E) Confidential Financial Information Affidavit

Affidavit of James M. Welsch Vice President, Nuclear Generation and Chief Nuclear Officer of Pacific Gas and Electric Company.

The site-specific decommissioning cost estimate, contained in Enclosure 5 of this submittal, contains information that PG&E considers confidential. Release of the information could cause competitive harm during contract negotiations for execution of actual decommissioning work.

The basis for this declaration is:

i. This information is owned and maintained as confidential by PG&E,

ii. This information has been held in confidence by PG&E. To the extent that PG&E has shared this information with others, it has done so on a confidential basis,

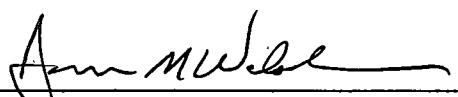
iii. This information is being requested to be withheld in confidence by the NRC by this petition,

iv. The information is not available in public sources,

v. Release of the information could cause competitive harm during contract negotiations for execution of actual decommissioning work.

vi. The information to be withheld is being transmitted to the NRC in confidence.

I, James M. Welsch, being duly sworn, state that I am the person who subscribes my name the foregoing statement, I am authorized to execute the Affidavit on behalf of PG&E and that the matters and facts set forth in the statement are true to the best of my knowledge, information and belief.



Name: James M. Welsch
Title: Vice President, Nuclear Generation and Chief Nuclear Officer
Company: Pacific Gas and Electric Company

SEE ATTACHED CERTIFICATE

CALIFORNIA JURAT WITH AFFIANT STATEMENT **GOVERNMENT CODE § 8202**

☑ See Attached Document (Notary to cross out lines 1–6 below)
☐ See Statement Below (Lines 1–6 to be completed only by document signer[s], *not* Notary)

1 _____
2 _____
3 _____
4 _____
5 _____
6 _____ _____ 3/26/19

Signature of Document Signer No. 1 *Signature of Document Signer No. 2 (if any)*

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of San Luis Obispo

Subscribed and sworn to (or affirmed) before me on this 26th day of March, 2019,
Date *Month* *Year*
by
(1) James Welsh
(and (2) _____),
Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

DIANNE LOUISE MCFADDEN
Notary Public - California
San Luis Obispo County
Commission # 2176684
My Comm. Expires Dec 23, 2020

Signature Dianne Louise McFadden
Signature of Notary Public

Seal
Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document
Title or Type of Document: Affidavit Document Date: 3/26/19
Number of Pages: _____ Signer(s) Other Than Named Above: _____

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) and 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.

Note that Items 3, 4, and 8 are data included in PG&E's Nuclear Decommissioning Cost Triennial Proceeding (NDCTP) filed with the California Public Utilities Commission (CPUC) on December 13, 2018. PG&E does not anticipate a decision on this filing until mid-2020.

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

	$ in Millions
Value in January 2019 dollars	Unit 1 $ 670.2
	Unit 2 $ 670.2

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). The values below represent the total amount accumulated for decommissioning and includes funds for radiological decommissioning, spent fuel management, and site restoration. As indicated in the cover letter, PG&E is evaluating the need for a mechanism to separate the total trust balance for each unit into funds accumulated for radiological decommissioning, spent fuel management, and site restoration. This has been entered in the corrective action program for evaluation. (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)).

	$ in Millions
Market Value (December 2018 dollars)	Unit 1 $1,306.3
	Unit 2 $1,708.5

3. A schedule of the annual amounts remaining to be collected include items beyond those required in 10 CFR 50.75 (b) and (c).

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[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 nonradiological 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 the Department of Energy are not included in the cost formulas.

(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))

	$ in Millions
Amount Remaining (nominal dollars)	$2,040.421
Unit 1 Annual Collection 2020-2024	$226.715
Unit 2 Annual Collection 2020-2025	$151.141

4. The assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds (anticipates that the portfolio of each trust will be gradually converted to a more conservative all income portfolio beginning in 2024 for Unit 1 and Unit 2), and rates of other factors used in funding projections;

Year	DC1	DC2
2019	4.12%	4.14%
2020	4.00%	4.02%
2021	4.01%	3.96%
2022	3.91%	3.83%
2023	3.86%	3.77%
2024	3.78%	3.68%
2025	3.72%	3.63%
2026	3.67%	3.62%
2027	3.71%	3.67%
2028	3.71%	3.67%
2029	3.71%	3.67%
2030	3.75%	3.71%
2031	3.73%	3.71%
2032	3.61%	3.60%
2033	3.53%	3.52%
2034	3.47%	3.46%
2035	3.46%	3.45%
2036	3.45%	3.45%
2037	3.50%	3.48%
2038	3.65%	3.62%
2039	4.07%	4.05%
2040	4.38%	4.36%
2041	4.34%	4.33%
2042	4.31%	4.29%
2043	4.23%	4.22%

2044	4.19%	4.19%
2045	4.16%	4.15%
2046	4.08%	4.08%
2047	4.01%	4.01%
2048	3.98%	3.98%
2049	3.91%	3.91%
2050	3.80%	3.80%
2051	3.73%	3.73%
2052	3.61%	3.62%
2053	3.50%	3.50%
2054	3.37%	3.37%
2055	3.27%	3.27%
2056	3.15%	3.15%
2057	3.08%	3.08%
2058	3.04%	3.04%
2059	3.02%	3.02%
2060	3.02%	3.02%
2061	3.02%	3.02%
2062	3.02%	3.02%
2063	3.02%	3.02%
2064	3.02%	3.02%
2065	3.02%	3.02%
2066	3.02%	3.02%
2067	3.02%	3.02%
2068	3.02%	3.02%
2069	3.02%	3.02%
2070	3.02%	3.02%
2071	3.02%	3.02%
2072	3.02%	3.02%
2073	3.02%	3.02%
2074	3.02%	3.02%
2075	3.02%	3.02%
2076	3.02%	3.02%
2077	3.02%	3.02%

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 providing financial assurance occurring since the last submitted report.

   NONE

7. Any material changes to trust agreements.

   NONE

8. CPUC Submittal in 2019 Dollars in Millions

Total NRC Decommissioning Costs	$ 1,581.3
Scope Excluded from NRC calculations	$ 201.2
Spent Fuel Management	$ 637.8
Total Unit 1 (Decommission 2024)	$ 2,420.3

Total NRC Decommissioning Costs	$ 1,578.4
Scope Excluded from NRC calculations	$ 537.1
Spent Fuel Management	$ 608.1
Total Unit 2 (Decommission 2025)	$ 2,723.5

2019 Decommissioning Estimate Unit 1
(1 page)

2019 Decommissioning Estimate Unit 2
(1 page)

Composite Escalation
(1 page)

Development of L Component
(10 pages)

Development of E Component
(9 pages)

Development of B Component
(1 page)

Nuclear Regulatory Commission
Estimate of Decommission Costs for Pressurized Water Reactor (PWR) Diablo Canyon Power Plant (DCPP) Unit 1 in 2019

	DCPP PWR (millions)	
January 1986 Estimate	$105	
Escalated to 1999	$118.2	(Table 2.1 in NUREG 1307 Revision 10 has no value for 1999 Burial)
Escalated to 2000		(No Submittal Required)
Escalated to 2001	$333.8	($396.7 in 2001 Submittal)
Escalated to 2002		(No Submittal Required)
Escalated to 2003	$347.5	($404.8 in 2003 Submittal)
Escalated to 2004		(No Submittal Required)
Escalated to 2005	$403.5	($427.2 in 2005 Submittal)
Escalated to 2006		(No Submittal Required)
Escalated to 2007	$494.2	($494.8 in 2007 Submittal)
Escalated to 2008		(No Submittal Required)
Escalated to 2009	$539.7	($540.8 in 2009 Submittal)
Escalated to 2010		(No Submittal Required)
Escalated to 2011	$588.1	($546.5 in 2011 Submittal)
Escalated to 2012		(No Submittal Required)
Escalated to 2013	$620.2	($643.0 in 2013 Submittal)
Escalated to 2014		(No Submittal Required)
Escalated to 2015	$623.4	($646.2 in 2015 Submittal)
Escalated to 2016		(No Submittal Required)
Escalated to 2017	$620.0	($620.2 in 2017 Submittal)
Escalated to 2018		(No Submittal Required)
Escalated to 2019	$670.2	

Based on 10 CFR 50.75 (c), "Table of Minimum Amounts" (January 1986 dollars).
PWR Greater than or equal to 3400 MWt = $105 million per unit between 1200 MWt and 3400 MWt
(for PWR less than 1200 MWt, use P=1200 MWt $75+0.0088P)

Nuclear Regulatory Commission
Estimate of Decommission Costs for Pressurized Water Reactor (PWR) Diablo Canyon Power Plant (DCPP) Unit 2 in 2019

	DCPP PWR (millions)	
January 1986 Estimate	$105	
Escalated to 1999	$118.2	(Table 2.1 in NUREG 1307 Revision 10 has no value for 1999 Burial)
Escalated to 2000		(No Submittal Required)
Escalated to 2001	$333.8	($396.7 in 2001 Submittal)
Escalated to 2002		(No Submittal Required)
Escalated to 2003	$347.5	($404.8 in 2003 Submittal)
Escalated to 2004		(No Submittal Required)
Escalated to 2005	$403.5	($427.2 in 2005 Submittal)
Escalated to 2006		(No Submittal Required)
Escalated to 2007	$494.2	($494.8 in 2007 Submittal)
Escalated to 2008		(No Submittal Required)
Escalated to 2009	$539.7	($540.8 in 2009 Submittal)
Escalated to 2010		(No Submittal Required)
Escalated to 2011	$588.1	($546.5 in 2011 Submittal)
Escalated to 2012		(No Submittal Required)
Escalated to 2013	$620.2	($643.0 in 2013 Submittal)
Escalated to 2014		(No Submittal Required)
Escalated to 2015	$623.4	($646.2 in 2015 Submittal)
Escalated to 2016		(No Submittal Required)
Escalated to 2017	$620.0	($620.2 in 2017 Submittal)
Escalated to 2018		(No Submittal Required)
Escalated to 2019	$670.2	

Based on 10 CFR 50.75 (c), "Table of Minimum Amounts" (January 1986 dollars).
PWR Greater than or equal to 3400 MWt = $105 million per unit between 1200 MWt and 3400 MWt
(for PWR less than 1200 MWt, use P=1200 MWt $75+0.0088P)

Composite Escalation

Calculating Overall Escalation Rate

PWR	Jan-86	Jan-99	Jan-00	Jan-01	Jan-02	Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19	Weight (1)
L (Labor)	1.0000	1.5624	1.6370	0.9365	0.9733	1.0122	1.0445	1.0846	2.0600	2.1218	2.1939	2.2536	2.2784	2.3175	2.3711	2.4061	2.4638	2.5235	2.5812	2.6492	2.7377	2.8263	0.65
E (Energy)	1.0000	0.8499	1.0297	1.1850	0.9909	1.2027	1.2164	1.4656	1.8306	1.7950	2.3262	1.7850	2.0766	2.3145	2.6030	2.5667	2.6162	2.2076	1.7624	1.8604	2.2951	2.3652	0.13
B (Burial)	1.0000	0.0000	10.8039	10.9840	11.1633	11.3433	13.0733	13.3951	13.7247	14.0626	15.0364	15.6505	16.2646	17.2446	18.2247	18.2247	18.2247	18.2247	18.2247	17.9148	19.2664	19.2664	0.22

(1) From NUREG 1307, Revision 17, Report on Waste Burial Charges, Section 3.1, Page 11, where A, B, and C are the fractions of the total 1986 dollar costs that are attributable to labor (0.65), energy (0.13), and burial (0.22), respectively, and sum to 1.0.

PWR
Combined Escalation Rate for:

Jan-86	Jan-99	Jan-00	Jan-01	Jan-02	Jan-03	Jan-04	Jan-05	Jan-06	Jan-07	Jan-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16	Jan-17	Jan-18	Jan-19
1.0000	1.1260	3.5748	3.1793	3.2174	3.3098	3.7132	3.8425	4.5964	4.7063	5.0364	5.1400	5.3291	5.6011	5.8890	5.9071	5.9510	5.9367	5.9163	5.9051	6.3165	6.3832

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Jan-86		
Feb-86		
Mar-86	90.8	1.01114
Apr-86		
May-86		
Jun-86	91.2	1.01559
Jul-86		
Aug-86		
Sep-86	91.6	1.02004
Oct-86		
Nov-86		
Dec-86	92.5	1.03007
Jan-87		
Feb-87		
Mar-87	92.6	1.03118
Apr-87		
May-87		
Jun-87	93.7	1.04343
Jul-87		
Aug-87		
Sep-87	94.1	1.04788
Oct-87		
Nov-87		
Dec-87	95.4	1.06236
Jan-88		
Feb-88		
Mar-88	96.3	1.07238
Apr-88		
May-88		
Jun-88	97	1.08018
Jul-88		
Aug-88		
Sep-88	97.7	1.08797
Oct-88		
Nov-88		
Dec-88	98.8	1.10022
Jan-89		
Feb-89		
Mar-89	100	1.11359
Apr-89		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
May-89		
Jun-89	101	1.12472
Jul-89		
Aug-89		
Sep-89	101.8	1.13363
Oct-89		
Nov-89		
Dec-89	103.3	1.15033
Jan-90		
Feb-90		
Mar-90	104.5	1.16370
Apr-90		
May-90		
Jun-90	105.6	1.17595
Jul-90		
Aug-90		
Sep-90	106.3	1.18374
Oct-90		
Nov-90		
Dec-90	107.5	1.19710
Jan-91		
Feb-91		
Mar-91	108.9	1.21269
Apr-91		
May-91		
Jun-91	110	1.22494
Jul-91		
Aug-91		
Sep-91	110.9	1.23497
Oct-91		
Nov-91		
Dec-91	111.9	1.24610
Jan-92		
Feb-92		
Mar-92	112.9	1.25724
Apr-92		
May-92		
Jun-92	114.1	1.27060
Jul-92		
Aug-92		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Sep-92	114.9	1.27951
Oct-92		
Nov-92		
Dec-92	116.2	1.29399
Jan-93		
Feb-93		
Mar-93	116.4	1.29621
Apr-93		
May-93		
Jun-93	117.8	1.31180
Jul-93		
Aug-93		
Sep-93	118.1	1.31514
Oct-93		
Nov-93		
Dec-93	119.4	1.32962
Jan-94		
Feb-94		
Mar-94	120.5	1.34187
Apr-94		
May-94		
Jun-94	121.3	1.35078
Jul-94		
Aug-94		
Sep-94	121.7	1.35523
Oct-94		
Nov-94		
Dec-94	122.6	1.36526
Jan-95		
Feb-95		
Mar-95	123.4	1.37416
Apr-95		
May-95		
Jun-95	123.9	1.37973
Jul-95		
Aug-95		
Sep-95	125	1.39198
Oct-95		
Nov-95		
Dec-95	125.9	1.40200

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Jan-96		
Feb-96		
Mar-96	127.3	1.41759
Apr-96		
May-96		
Jun-96	128.3	1.42873
Jul-96		
Aug-96		
Sep-96	128.9	1.43541
Oct-96		
Nov-96		
Dec-96	130.3	1.45100
Jan-97		
Feb-97		
Mar-97	131.4	1.46325
Apr-97		
May-97		
Jun-97	132.5	1.47550
Jul-97		
Aug-97		
Sep-97	133.4	1.48552
Oct-97		
Nov-97		
Dec-97	135.2	1.50557
Jan-98		
Feb-98		
Mar-98	136.6	1.52116
Apr-98		
May-98		
Jun-98	138.5	1.54232
Jul-98		
Aug-98		
Sep-98	140	1.55902
Oct-98		
Nov-98		
Dec-98	140.3	1.56236
Jan-99		
Feb-99		
Mar-99	142.1	1.58241
Apr-99		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
May-99		
Jun-99	143.3	1.59577
Jul-99		
Aug-99		
Sep-99	144.7	1.61136
Oct-99		
Nov-99		
Dec-99	147	1.63697
Jan-00		
Feb-00		
Mar-00	148.8	1.65702
Apr-00		
May-00		
Jun-00	150.8	1.67929
Jul-00		
Aug-00		
Sep-00	151.8	1.69042
Oct-00		
Nov-00		
Dec-00	84.1	0.93653
Jan-01		
Feb-01		
Mar-01	85	0.94655
Apr-01		
May-01		
Jun-01	85.9	0.95657
Jul-01		
Aug-01		
Sep-01	86.9	0.96771
Oct-01		
Nov-01		
Dec-01	87.4	0.97327
Jan-02		
Feb-02		
Mar-02	88.5	0.98552
Apr-02		
May-02		
Jun-02	89.1	0.99220
Jul-02		
Aug-02		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Sep-02	89.8	1.00000
Oct-02		
Nov-02		
Dec-02	90.9	1.01225
Jan-03		
Feb-03		
Mar-03	90.9	1.01225
Apr-03		
May-03		
Jun-03	92	1.02450
Jul-03		
Aug-03		
Sep-03	93.2	1.03786
Oct-03		
Nov-03		
Dec-03	93.8	1.04454
Jan-04		
Feb-04		
Mar-04	95.3	1.06125
Apr-04		
May-04		
Jun-04	96.2	1.07127
Jul-04		
Aug-04		
Sep-04	96.9	1.07906
Oct-04		
Nov-04		
Dec-04	97.4	1.08463
Jan-05		
Feb-05		
Mar-05	98.4	1.09577
Apr-05		
May-05		
Jun-05	99.3	1.10579
Jul-05		
Aug-05		
Sep-05	99.7	1.11024
Oct-05		
Nov-05		
Dec-05 Note 1	100	2.06000

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Jan-06		
Feb-06		
Mar-06	100.6	2.07236
Apr-06		
May-06		
Jun-06	101.8	2.09708
Jul-06		
Aug-06		
Sep-06	102.5	2.11150
Oct-06		
Nov-06		
Dec-06	103	2.12180
Jan-07		
Feb-07		
Mar-07	104.2	2.14652
Apr-07		
May-07		
Jun-07	104.9	2.16094
Jul-07		
Aug-07		
Sep-07	105.7	2.17742
Oct-07		
Nov-07		
Dec-07	106.5	2.19390
Jan-08		
Feb-08		
Mar-08	107.8	2.22068
Apr-08		
May-08		
Jun-08	108.4	2.23304
Jul-08		
Aug-08		
Sep-08	109.3	2.25158
Oct-08		
Nov-08		
Dec-08	109.4	2.25364
Jan-09		
Feb-09		
Mar-09	109.9	2.26394
Apr-09		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
May-09		
Jun-09	110	2.26600
Jul-09		
Aug-09		
Sep-09	110.3	2.27218
Oct-09		
Nov-09		
Dec-09	110.6	2.27836
Jan-10		
Feb-10		
Mar-10	111.3	2.29278
Apr-10		
May-10		
Jun-10	111.7	2.30102
Jul-10		
Aug-10		
Sep-10	112.3	2.31338
Oct-10		
Nov-10		
Dec-10	112.5	2.31750
Jan-11		
Feb-11		
Mar-11	113.5	2.33810
Apr-11		
May-11		
Jun-11	114.3	2.35458
Jul-11		
Aug-11		
Sep-11	114.6	2.36076
Oct-11		
Nov-11		
Dec-11	115.1	2.37106
Jan-12		
Feb-12		
Mar-12	115.7	2.38342
Apr-12		
May-12		
Jun-12	116.3	2.39578
Jul-12		
Aug-12		

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Sep-12	116.8	2.40608
Oct-12		
Nov-12		
Dec-12	116.8	2.40608
Jan-13		
Feb-13		
Mar-13	117.6	2.42256
Apr-13		
May-13		
Jun-13	118.5	2.44110
Jul-13		
Aug-13		
Sep-13	119.2	2.45552
Oct-13		
Nov-13		
Dec-13	119.6	2.46376
Jan-14		
Feb-14		
Mar-14	120.1	2.47406
Apr-14		
May-14		
Jun-14	120.9	2.49054
Jul-14		
Aug-14		
Sep-14	121.9	2.51114
Oct-14		
Nov-14		
Dec-14	122.5	2.52350
Jan-15		
Feb-15		
Mar-15	123.1	2.53586
Apr-15		
May-15		
Jun-15	123.8	2.55028
Jul-15		
Aug-15		
Sep-15	124.6	2.56676
Oct-15		
Nov-15		
Dec-15	125.3	2.58118

Development of L Component

Calculation of Labor Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.2
Using Regional Indices Series ID: CIU2010000000240I (as of 02/12/2019)
January 1986 adjusted to reflect NUREG 1307, Revision 17, Scaling Factor for West Labor (Page 13)
Note 1: The Base Labor factor was re-indexed in December 2005, at which time the index was reset to 100.

	Employment Cost Indust West Region Private Industry (1989=100)	Labor Escalation Factor
Dec-85	89.8	1.00000
Jan-16		
Feb-16		
Mar-16	126.2	2.59972
Apr-16		
May-16		
Jun-16	127.2	2.62032
Jul-16		
Aug-16		
Sep-16	127.9	2.63474
Oct-16		
Nov-16		
Dec-16	128.6	2.64916
Jan-17		
Feb-17		
Mar-17	129.9	2.67594
Apr-17		
May-17		
Jun-17	131.0	2.69860
Jul-17		
Aug-17		
Sep-17	132.3	2.72538
Oct-17		
Nov-17		
Dec-17	132.9	2.73774
Jan-18		
Feb-18		
Mar-18	134.6	2.77276
Apr-18		
May-18		
Jun-18	135.7	2.79542
Jul-18		
Aug-18		
Sep-18	136.6	2.81396
Oct-18		
Nov-18		
Dec-18	137.2	2.82632

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power PWR wt = 0.58	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils PWR wt = 0.42	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Jan-86	114.2	82.0	1.0000	1.0000	1.0000
Feb-86	115.0	62.4	1.0070	0.7610	0.9037
Mar-86	114.4	51.3	1.0018	0.6256	0.8438
Apr-86	113.7	49.8	0.9956	0.6073	0.8325
May-86	114.1	47.0	0.9991	0.5732	0.8202
Jun-86	115.3	44.7	1.0096	0.5451	0.8145
Jul-86	116.2	36.4	1.0175	0.4439	0.7766
Aug-86	116.3	40.1	1.0184	0.4890	0.7961
Sep-86	116.3	46.3	1.0184	0.5646	0.8278
Oct-86	113.0	43.1	0.9895	0.5256	0.7947
Nov-86	112.7	43.5	0.9869	0.5305	0.7952
Dec-86	112.3	45.6	0.9834	0.5561	0.8039
Jan-87	110.3	51.4	0.9658	0.6268	0.8235
Feb-87	109.8	53.1	0.9615	0.6476	0.8296
Mar-87	110.2	49.7	0.9650	0.6061	0.8142
Apr-87	109.9	52.0	0.9623	0.6341	0.8245
May-87	111.8	53.3	0.9790	0.6500	0.8408
Jun-87	113.9	55.1	0.9974	0.6720	0.8607
Jul-87	116.2	56.3	1.0175	0.6866	0.8785
Aug-87	115.7	59.4	1.0131	0.7244	0.8919
Sep-87	115.5	56.8	1.0114	0.6927	0.8775
Oct-87	111.0	59.3	0.9720	0.7232	0.8675
Nov-87	109.2	61.2	0.9562	0.7463	0.8681
Dec-87	109.6	58.1	0.9597	0.7085	0.8542
Jan-88	108.8	54.8	0.9527	0.6683	0.8333
Feb-88	109.0	51.5	0.9545	0.6280	0.8174
Mar-88	109.0	49.7	0.9545	0.6061	0.8082
Apr-88	109.1	53.3	0.9553	0.6500	0.8271
May-88	108.9	54.3	0.9536	0.6622	0.8312
Jun-88	117.2	50.6	1.0263	0.6171	0.8544
Jul-88	118.2	46.9	1.0350	0.5720	0.8405
Aug-88	118.3	46.8	1.0359	0.5707	0.8405
Sep-88	118.5	45.9	1.0377	0.5598	0.8369
Oct-88	114.2	42.3	1.0000	0.5159	0.7967
Nov-88	109.2	47.2	0.9562	0.5756	0.7964
Dec-88	110.5	50.6	0.9676	0.6171	0.8204
Jan-89	112.0	54.9	0.9807	0.6695	0.8500
Feb-89	112.0	54.0	0.9807	0.6585	0.8454
Mar-89	112.3	57.3	0.9834	0.6988	0.8638
Apr-89	112.4	61.5	0.9842	0.7500	0.8859
May-89	113.6	57.5	0.9947	0.7012	0.8715
Jun-89	119.8	53.3	1.0490	0.6500	0.8814
Jul-89	122.2	52.7	1.0701	0.6427	0.8906
Aug-89	122.4	53.5	1.0718	0.6524	0.8957
Sep-89	122.5	59.3	1.0727	0.7232	0.9259
Oct-89	117.2	64.0	1.0263	0.7805	0.9230

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-89	113.5	64.4	0.9939	0.7854	0.9063
Dec-89	114.2	68.1	1.0000	0.8305	0.9288
Jan-90	114.9	85.3	1.0061	1.0402	1.0205
Feb-90	115.0	59.4	1.0070	0.7244	0.8883
Mar-90	115.4	60.4	1.0105	0.7366	0.8955
Apr-90	115.1	61.0	1.0079	0.7439	0.8970
May-90	117.0	58.4	1.0245	0.7122	0.8933
Jun-90	123.9	53.0	1.0849	0.6463	0.9007
Jul-90	124.4	51.6	1.0893	0.6293	0.8961
Aug-90	124.6	72.3	1.0911	0.8817	1.0031
Sep-90	125.0	87.3	1.0946	1.0646	1.0820
Oct-90	121.2	104.8	1.0613	1.2780	1.1523
Nov-90	120.2	98.9	1.0525	1.2061	1.1170
Dec-90	118.9	89.3	1.0412	1.0890	1.0613
Jan-91	124.2	82.9	1.0876	1.0110	1.0554
Feb-91	124.3	74.3	1.0884	0.9061	1.0119
Mar-91	124.3	61.6	1.0884	0.7512	0.9468
Apr-91	124.7	60.0	1.0919	0.7317	0.9406
May-91	128.2	59.6	1.1226	0.7268	0.9564
Jun-91	132.6	57.6	1.1611	0.7024	0.9685
Jul-91	134.5	58.1	1.1778	0.7085	0.9807
Aug-91	133.8	62.1	1.1716	0.7573	0.9976
Sep-91	133.8	65.4	1.1716	0.7976	1.0145
Oct-91	128.3	67.6	1.1235	0.8244	0.9979
Nov-91	123.1	71.0	1.0779	0.8659	0.9889
Dec-91	125.1	62.2	1.0954	0.7585	0.9539
Jan-92	125.9	54.4	1.1025	0.6634	0.9181
Feb-92	125.3	57.3	1.0972	0.6988	0.9299
Mar-92	125.8	56.0	1.1016	0.6829	0.9257
Apr-92	124.8	59.0	1.0928	0.7195	0.9360
May-92	128.5	62.1	1.1252	0.7573	0.9707
Jun-92	134.8	65.4	1.1804	0.7976	1.0196
Jul-92	135.6	64.6	1.1874	0.7878	1.0196
Aug-92	135.1	63.3	1.1830	0.7720	1.0104
Sep-92	135.9	65.6	1.1900	0.8000	1.0262
Oct-92	131.2	68.2	1.1489	0.8317	1.0157
Nov-92	125.5	64.2	1.0989	0.7829	0.9662
Dec-92	126.7	59.4	1.1095	0.7244	0.9477
Jan-93	127.1	59.0	1.1130	0.7195	0.9477
Feb-93	126.4	60.4	1.1068	0.7366	0.9513
Mar-93	126.7	63.2	1.1095	0.7707	0.9672
Apr-93	126.8	62.4	1.1103	0.7610	0.9636
May-93	127.5	62.6	1.1165	0.7634	0.9682
Jun-93	136.9	60.8	1.1988	0.7415	1.0067
Jul-93	137.1	57.0	1.2005	0.6951	0.9883
Aug-93	137.2	54.4	1.2014	0.6634	0.9754
Sep-93	137.6	59.3	1.2049	0.7232	1.0026
Oct-93	131.9	65.4	1.1550	0.7976	1.0049

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-93	126.3	61.6	1.1060	0.7512	0.9570
Dec-93	126.0	51.4	1.1033	0.6268	0.9032
Jan-94	126.2	51.5	1.1051	0.6280	0.9047
Feb-94	125.9	57.5	1.1025	0.7012	0.9339
Mar-94	125.8	56.2	1.1016	0.6854	0.9268
Apr-94	125.4	54.7	1.0981	0.6671	0.9171
May-94	126.0	54.7	1.1033	0.6671	0.9201
Jun-94	133.5	54.1	1.1690	0.6598	0.9551
Jul-94	134.5	56.3	1.1778	0.6866	0.9715
Aug-94	134.5	57.5	1.1778	0.7012	0.9776
Sep-94	134.9	57.7	1.1813	0.7037	0.9807
Oct-94	129.1	57.7	1.1305	0.7037	0.9512
Nov-94	127.0	58.8	1.1121	0.7171	0.9462
Dec-94	127.4	54.7	1.1156	0.6671	0.9272
Jan-95	127.6	54.7	1.1173	0.6671	0.9282
Feb-95	128.0	53.3	1.1208	0.6500	0.9231
Mar-95	128.3	54.3	1.1235	0.6622	0.9297
Apr-95	126.4	57.1	1.1068	0.6963	0.9344
May-95	130.2	59.1	1.1401	0.7207	0.9640
Jun-95	135.3	55.8	1.1848	0.6805	0.9730
Jul-95	136.6	53.5	1.1961	0.6524	0.9678
Aug-95	136.5	55.6	1.1953	0.6780	0.9780
Sep-95	133.7	58.2	1.1708	0.7098	0.9771
Oct-95	131.4	57.8	1.1506	0.7049	0.9634
Nov-95	127.6	59.5	1.1173	0.7256	0.9528
Dec-95	127.7	60.6	1.1182	0.7390	0.9590
Jan-96	127.9	62.6	1.1200	0.7634	0.9702
Feb-96	127.1	59.7	1.1130	0.7280	0.9513
Mar-96	127.8	63.5	1.1191	0.7744	0.9743
Apr-96	129.1	74.7	1.1305	0.9110	1.0383
May-96	135.0	72.0	1.1821	0.8780	1.0544
Jun-96	137.5	62.8	1.2040	0.7659	1.0200
Jul-96	136.0	64.3	1.1909	0.7841	1.0201
Aug-96	136.2	66.5	1.1926	0.8110	1.0323
Sep-96	136.2	73.4	1.1926	0.8951	1.0677
Oct-96	131.2	79.7	1.1489	0.9720	1.0746
Nov-96	127.1	76.5	1.1130	0.9329	1.0373
Dec-96	127.7	76.1	1.1182	0.9280	1.0383
Jan-97	128.3	73.7	1.1235	0.8988	1.0291
Feb-97	128.1	72.3	1.1217	0.8817	1.0209
Mar-97	128.2	65.2	1.1226	0.7951	0.9851
Apr-97	127.3	65.3	1.1147	0.7963	0.9810
May-97	129.7	64.2	1.1357	0.7829	0.9876
Jun-97	135.1	60.8	1.1830	0.7415	0.9976
Jul-97	135.9	57.8	1.1900	0.7049	0.9863
Aug-97	134.7	61.5	1.1795	0.7500	0.9991
Sep-97	136.0	60.4	1.1909	0.7366	1.0001
Oct-97	130.1	64.8	1.1392	0.7902	0.9927

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-97	127.9	65.8	1.1200	0.8024	0.9866
Dec-97	128.3	59.4	1.1235	0.7244	0.9559
Jan-98	127.4	54.1	1.1156	0.6598	0.9241
Feb-98	127.2	52.0	1.1138	0.6341	0.9124
Mar-98	126.7	48.3	1.1095	0.5890	0.8909
Apr-98	126.4	50.2	1.1066	0.6122	0.8991
May-98	129.2	50.0	1.1313	0.6098	0.9123
Jun-98	133.8	46.3	1.1716	0.5646	0.9167
Jul-98	134.8	45.0	1.1804	0.5488	0.9151
Aug-98	135.2	44.0	1.1839	0.5366	0.9120
Sep-98	135.2	48.3	1.1839	0.5890	0.9340
Oct-98	130.4	47.4	1.1419	0.5780	0.9051
Nov-98	127.6	46.2	1.1173	0.5634	0.8847
Dec-98	126.6	38.8	1.1086	0.4732	0.8417
Jan-99	126.1	40.9	1.1042	0.4988	0.8499
Feb-99	125.5	38.2	1.0989	0.4659	0.8330
Mar-99	125.5	42.8	1.0989	0.5220	0.8566
Apr-99	125.2	52.5	1.0963	0.6402	0.9048
May-99	127.4	52.6	1.1156	0.6415	0.9165
Jun-99	131.6	52.4	1.1524	0.6390	0.9368
Jul-99	133.9	58.7	1.1725	0.7159	0.9807
Aug-99	133.9	63	1.1725	0.7683	1.0027
Sep-99	134.1	67.6	1.1743	0.8244	1.0273
Oct-99	129.5	65.5	1.1340	0.7988	0.9932
Nov-99	127.5	71.3	1.1165	0.8695	1.0127
Dec-99	126.5	72.9	1.1077	0.8890	1.0159
Jan-00	126.8	75.3	1.1103	0.9183	1.0297
Feb-00	126.7	87.9	1.1095	1.0720	1.0937
Mar-00	126.7	89.7	1.1095	1.0939	1.1029
Apr-00	126.8	83.1	1.1103	1.0134	1.0696
May-00	128.6	82.9	1.1261	1.0110	1.0777
Jun-00	133.6	86.2	1.1699	1.0512	1.1200
Jul-00	136.2	88.7	1.1926	1.0817	1.1461
Aug-00	137.4	91.6	1.2032	1.1171	1.1670
Sep-00	137.8	110.1	1.2067	1.3427	1.2638
Oct-00	134.1	108.6	1.1743	1.3244	1.2373
Nov-00	130.9	108.4	1.1462	1.3220	1.2200
Dec-00	132.7	100.6	1.1620	1.2268	1.1892
Jan-01	136.4	96.1	1.1944	1.1720	1.1850
Feb-01	136.4	91.6	1.1944	1.1171	1.1619
Mar-01	136.5	83.1	1.1953	1.0134	1.1189
Apr-01	135.1	86.2	1.1830	1.0512	1.1277
May-01	136.2	94.2	1.1926	1.1488	1.1742
Jun-01	148.4	90.2	1.2995	1.1000	1.2157
Jul-01	149.5	81.3	1.3091	0.9915	1.1757
Aug-01	148.9	83.2	1.3039	1.0146	1.1824
Sep-01	148.2	93	1.2977	1.1341	1.2290
Oct-01	143.8	76.8	1.2592	0.9366	1.1237

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-01	137.3	70.5	1.2023	0.8598	1.0584
Dec-01	136.9	56.6	1.1988	0.6902	0.9852
Jan-02	136.3	58.3	1.1935	0.7110	0.9909
Feb-02	135.4	59.6	1.1856	0.7268	0.9929
Mar-02	135.7	69.1	1.1883	0.8427	1.0431
Apr-02	135.4	76.4	1.1856	0.9317	1.0790
May-02	137.9	75	1.2075	0.9146	1.0845
Jun-02	143.6	71.4	1.2574	0.8707	1.0950
Jul-02	144.9	75.5	1.2688	0.9207	1.1226
Aug-02	145.0	77.9	1.2697	0.9500	1.1354
Sep-02	145.8	89.5	1.2767	1.0915	1.1989
Oct-02	140.0	95.1	1.2259	1.1598	1.1981
Nov-02	139.5	82.8	1.2215	1.0098	1.1326
Dec-02	139.6	84.6	1.2224	1.0317	1.1423
Jan-03	140.3	95.7	1.2285	1.1671	1.2027
Feb-03	140.6	120.4	1.2312	1.4683	1.3308
Mar-03	143.3	128.9	1.2548	1.5720	1.3880
Apr-03	144.3	98.3	1.2636	1.1988	1.2364
May-03	145.1	85.5	1.2706	1.0427	1.1749
Jun-03	148.3	87.2	1.2986	1.0634	1.1998
Jul-03	151.6	90.1	1.3275	1.0988	1.2314
Aug-03	151.3	94.1	1.3249	1.1476	1.2504
Sep-03	152.0	88.2	1.3310	1.0756	1.2237
Oct-03	147.4	97.8	1.2907	1.1927	1.2495
Nov-03	142.7	93.0	1.2496	1.1341	1.2011
Dec-03	142.9	95.8	1.2513	1.1683	1.2164
Jan-04	143.1	106.8	1.2531	1.3024	1.2738
Feb-04	143.1	100.8	1.2531	1.2293	1.2431
Mar-04	143.1	107.8	1.2531	1.3146	1.2789
Apr-04	143.1	115.2	1.2531	1.4049	1.3168
May-04	144.2	116	1.2627	1.4146	1.3265
Jun-04	152.4	111.5	1.3345	1.3598	1.3451
Jul-04	152.2	119.3	1.3327	1.4549	1.3840
Aug-04	154.0	131.1	1.3485	1.5988	1.4536
Sep-04	154.0	136.8	1.3485	1.6683	1.4828
Oct-04	145.8	161.7	1.2767	1.9720	1.5687
Nov-04	144.9	153.6	1.2688	1.8732	1.5227
Dec-04	146.2	133.8	1.2802	1.6317	1.4278
Jan-05	148.9	138.5	1.3039	1.6890	1.4656
Feb-05	148.0	146	1.2960	1.7805	1.4995
Mar-05	148.1	169.4	1.2968	2.0659	1.6198
Apr-05	148.7	170.9	1.3021	2.0841	1.6306
May-05	151.1	165.3	1.3231	2.0159	1.6141
Jun-05	159.7	180.6	1.3984	2.2024	1.7361
Jul-05	162.1	186.2	1.4194	2.2707	1.7770
Aug-05	162.5	194.5	1.4229	2.3720	1.8215
Sep-05	162.8	209.9	1.4256	2.5598	1.9019
Oct-05	159.5	252.0	1.3967	3.0732	2.1008

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-05	161.1	199.1	1.4107	2.4280	1.8380
Dec-05	161.4	193.6	1.4133	2.3610	1.8113
Jan-06	167.0	191.8	1.4623	2.3390	1.8306
Feb-06	168.6	190.0	1.4764	2.3171	1.8295
Mar-06	167.4	199.2	1.4658	2.4293	1.8705
Apr-06	169.6	221.9	1.4851	2.7061	1.9979
May-06	170.8	231.4	1.4956	2.8220	2.0527
Jun-06	181.2	238.1	1.5867	2.9037	2.1398
Jul-06	181.9	231.6	1.5928	2.8244	2.1101
Aug-06	180.2	241.4	1.5779	2.9439	2.1516
Sep-06	181.0	203.1	1.5849	2.4768	1.9595
Oct-06	171.2	198.1	1.4991	2.4159	1.8842
Nov-06	167.2	198.2	1.4641	2.4171	1.8643
Dec-06	167.8	200.4	1.4694	2.4439	1.8787
Jan-07	171.9	180.0	1.5053	2.1951	1.7950
Feb-07	175.7	191.5	1.5385	2.3354	1.8732
Mar-07	172.1	215.1	1.5070	2.6232	1.9758
Apr-07	173.1	231.8	1.5158	2.8268	2.0664
May-07	179.2	225.3	1.5692	2.7476	2.0641
Jun-07	186.7	222.4	1.6349	2.7122	2.0873
Jul-07	187.0	237.8	1.6375	2.9000	2.1677
Aug-07	187.6	225.5	1.6427	2.7500	2.1078
Sep-07	188.4	238.9	1.6497	2.9134	2.1805
Oct-07	182.7	243.3	1.5998	2.9671	2.1741
Nov-07	180.3	288.2	1.5788	3.5146	2.3919
Dec-07	180.0	266.7	1.5762	3.2524	2.2802
Jan-08	181.9	273.8	1.5928	3.3390	2.3262
Feb-08	180.0	280.2	1.5762	3.4171	2.3494
Mar-08	183.1	339.6	1.6033	4.1415	2.6693
Apr-08	185.2	352.5	1.6217	4.2988	2.7461
May-08	189.5	384.9	1.6594	4.6939	2.9339
Jun-08	191.9	410.5	1.6804	5.0061	3.0772
Jul-08	196.1	423.8	1.7172	5.1683	3.1666
Aug-08	197.1	343.9	1.7259	4.1939	2.7625
Sep-08	195.9	335.1	1.7154	4.0866	2.7113
Oct-08	193.0	279.0	1.6900	3.4024	2.4092
Nov-08	187.7	218.2	1.6436	2.6610	2.0709
Dec-08	188.3	163.0	1.6489	1.9878	1.7912
Jan-09	190.3	159.8	1.6664	1.9488	1.7850
Feb-09	190.3	145.6	1.6664	1.7756	1.7123
Mar-09	187.6	136.8	1.6427	1.6683	1.6535
Apr-09	186.9	159.9	1.6366	1.9500	1.7682
May-09	190.5	158.6	1.6681	1.9341	1.7799
Jun-09	193.3	183.7	1.6926	2.2402	1.9226
Jul-09	196.2	165.2	1.7180	2.0146	1.8426
Aug-09	194.7	196.1	1.7049	2.3915	1.9933
Sep-09	194.9	186.6	1.7067	2.2756	1.9456
Oct-09	189.9	193.3	1.6629	2.3573	1.9545

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
	PPI for Fuels & Related Products (1982 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1982 = 100) (F) = Light Fuel Oils	PPI for Fuels & Related Products (1986 = 100) (P) = Industrial Energy Power	PPI for Light Fuel Oils (1986 = 100) (F) = Light Fuel Oils	Energy Escalation Factor (E) for PWR (Diablo Canyon)
Nov-09	186.0	207.8	1.6287	2.5341	2.0090
Dec-09	186.0	197.5	1.6287	2.4085	1.9562
Jan-10	186.3	220.7	1.6313	2.6915	2.0766
Feb-10	186.1	200.2	1.6296	2.4415	1.9706
Mar-10	189.0	217.0	1.6550	2.6463	2.0714
Apr-10	188.8	231.5	1.6532	2.8232	2.1446
May-10	192.0	226.0	1.6813	2.7561	2.1327
Jun-10	197.8	212.4	1.7320	2.5902	2.0925
Jul-10	199.8	209.3	1.7496	2.5524	2.0868
Aug-10	200.8	221.4	1.7583	2.7000	2.1538
Sep-10	200.0	220.0	1.7513	2.6829	2.1426
Oct-10	194.6	235.8	1.7040	2.8756	2.1961
Nov-10	190.9	245.3	1.6716	2.9915	2.2260
Dec-10	191.4	250.0	1.6760	3.0488	2.2526
Jan-11	193.1	260.4	1.6909	3.1756	2.3145
Feb-11	194.4	278.8	1.7023	3.4000	2.4153
Mar-11	195.0	307.5	1.7075	3.7500	2.5654
Apr-11	194.1	325.1	1.6996	3.9646	2.6509
May-11	196.9	315.1	1.7242	3.8427	2.6139
Jun-11	205.7	316.9	1.8012	3.8646	2.6679
Jul-11	215.3	311.5	1.8853	3.7988	2.6890
Aug-11	216.6	296.9	1.8967	3.6207	2.6208
Sep-11	215.8	306.5	1.8897	3.7378	2.6659
Oct-11	206.6	299.6	1.8091	3.6537	2.5838
Nov-11	204.0	322.7	1.7863	3.9354	2.6889
Dec-11	204.4	301.0	1.7898	3.6707	2.5798
Jan-12	201.1	308.8	1.7609	3.7659	2.6030
Feb-12	200.3	316.5	1.7539	3.8598	2.6384
Mar-12	199.8	330.8	1.7496	4.0341	2.7091
Apr-12	198.1	327.1	1.7347	3.9890	2.6815
May-12	201.5	315.6	1.7644	3.8488	2.6399
Jun-12	207.7	284.6	1.8187	3.4707	2.5126
Jul-12	221.5	287.9	1.9396	3.5110	2.5996
Aug-12	222.1	313.4	1.9448	3.8220	2.7332
Sep-12	222.8	330.4	1.9510	4.0293	2.8239
Oct-12	214.1	334.1	1.8748	4.0744	2.7986
Nov-12	212.3	311.6	1.8590	3.8000	2.6742
Dec-12	213.8	303.3	1.8722	3.6988	2.6393
Jan-13	199.2	303.6	1.7443	3.7024	2.5667
Feb-13	199.4	327.7	1.7461	3.9963	2.6912
Mar-13	199.0	308.7	1.7426	3.7646	2.5918
Apr-13	198.8	303.9	1.7408	3.7061	2.5662
May-13	203.5	296.4	1.7820	3.6146	2.5517
Jun-13	211.9	294.9	1.8555	3.5963	2.5867
Jul-13	211.4	300.4	1.8511	3.6634	2.6123
Aug-13	210.4	307.4	1.8424	3.7488	2.6431
Sep-13	210.3	315.3	1.8415	3.8451	2.6830
Oct-13	201.2	306.8	1.7618	3.7415	2.5933

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

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Nov-13	199.0	295.3	1.7426	3.6012	2.5232
Dec-13	200.5	302.9	1.7557	3.6939	2.5697
Jan-14	215.1	297.5	1.8835	3.6280	2.6162
Feb-14	214.4	309.1	1.8774	3.7695	2.6721
Mar-14	214.8	306.5	1.8809	3.7378	2.6608
Apr-14	210.8	306.7	1.8459	3.7402	2.6415
May-14	215.2	304.4	1.8844	3.7122	2.6521
Jun-14	224.0	296.5	1.9615	3.6159	2.6563
Jul-14	227.5	295.3	1.9921	3.6012	2.6679
Aug-14	227.7	293.9	1.9939	3.5841	2.6618
Sep-14	225.1	291.0	1.9711	3.5488	2.6337
Oct-14	217.0	271.4	1.9002	3.3098	2.4922
Nov-14	210.7	260.9	1.8450	3.1817	2.4064
Dec-14	213.9	218.9	1.8730	2.6695	2.2076
Jan-15	222.4	173.6	1.9475	2.1171	2.0187
Feb-15	221.1	184.3	1.9361	2.2476	2.0669
Mar-15	218.2	185.7	1.9107	2.2646	2.0593
Apr-15	213.3	178.2	1.8678	2.1732	1.9960
May-15	217.0	196.6	1.9002	2.3976	2.1091
Jun-15	237.2	193.4	2.0771	2.3585	2.1953
Jul-15	237.3	187.0	2.0779	2.2805	2.1630
Aug-15	236.8	180.4	2.0736	2.2000	2.1267
Sep-15	234.2	163.1	2.0508	1.9890	2.0248
Oct-15	218.2	165.3	1.9107	2.0159	1.9549
Nov-15	213.4	159.7	1.8687	1.9476	1.9018
Dec-15	214.8	131.1	1.8809	1.5988	1.7624
Jan-16	205.3	114.4	1.7977	1.3951	1.6286
Feb-16	204.3	107.7	1.7890	1.3134	1.5892
Mar-16	204.5	113.8	1.7907	1.3878	1.6215
Apr-16	202.4	116.8	1.7723	1.4244	1.6262
May-16	206.3	137.8	1.8065	1.6805	1.7536
Jun-16	220.4	149.4	1.9299	1.8220	1.8846
Jul-16	226.2	152.2	1.9807	1.8561	1.9284
Aug-16	227.3	143.5	1.9904	1.7500	1.8894
Sep-16	228.1	155.5	1.9974	1.8963	1.9549
Oct-16	214.9	153.4	1.8818	1.8707	1.8771
Nov-16	211.3	152.9	1.8503	1.8646	1.8563
Dec-16	211.7	153.3	1.8538	1.8695	1.8604
Jan-17	231.8	158.0	2.0298	1.9268	1.9865
Feb-17	232.9	159.7	2.0394	1.9476	2.0008
Mar-17	234.2	158.0	2.0508	1.9268	1.9987
Apr-17	234.3	157.9	2.0517	1.9256	1.9987
May-17	237.1	165.3	2.0762	2.0159	2.0508
Jun-17	251.0	163.1	2.1979	1.9890	2.1102
Jul-17	253.4	169.1	2.2189	2.0622	2.1531
Aug-17	251.2	179.0	2.1996	2.1829	2.1926
Sep-17	249.0	192.5	2.1804	2.3476	2.2506
Oct-17	238.7	202.9	2.0902	2.4744	2.2516

Calculation of Energy Escalation Factor - Reference NUREG-1307, Revision 17, Section 3.3
Using Regional Indices Series ID: WPU0573 Light Fuel Oils (as of 02/12/2019) and WPU0543 Industrial Electric Power (as of 02/12/2019)

			REBASED TO 1986 = 100		
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Nov-17	236.8	211.2	2.0736	2.5756	2.2844
Dec-17	237.4	212.7	2.0788	2.5939	2.2951
Jan-18	243.4	218.0	2.1313	2.6585	2.3528
Feb-18	245.3	216.6	2.1480	2.6415	2.3552
Mar-18	241.0	214.0	2.1103	2.6098	2.3201
Apr-18	237.7	220.5	2.0814	2.6890	2.3366
May-18	241.3	238.8	2.1130	2.9122	2.4486
Jun-18	255.2	248.9	2.2347	3.0354	2.5710
Jul-18	258.8	244.2	2.2662	2.9780	2.5652
Aug-18	258.7	242.0	2.2653	2.9512	2.5534
Sep-18	255.4	249.8	2.2364	3.0463	2.5766
Oct-18	242.6	257.8	2.1243	3.1439	2.5526
Nov-18	239.2	254.2	2.0946	3.1000	2.5169
Dec-18	240.2	223.6	2.1033	2.7268	2.3652

Oct 18 through Dec 18 are Preliminary Values from PPI Indices

Based on Base Year 2000 being the indice values Dec 1999, Jan 2019 base will be Dec 2018

Development of B Component

Development of Burial Escalation
Developed from NUREG-1307, Revision 17
Table 2.1 "VALUES OF B SUB-X AS A FUNCTION OF LLW BURIAL SITE AND YEAR" (Summary for non-Atlantic Compact)
Revised to Bx Values for Generic LLW Disposal Site (Assumed to be same as that provided for the Atlantic Compact for lack of a better alternative at this time.

	PWR Burial Costs (South Carolina)	**PWR Restated to 1986 = 100**
1986	1.678	1.0000
1987		
1988	2.007	1.1961
1989		
1990		
1991	2.494	1.4863
1992		
1993	11.408	6.7986
1994	11.873	7.0757
1995	12.824	7.6424
1996	12.771	7.6108
1997	15.852	9.4470
1998	15.886	9.4672
1999		0.0000
2000	18.129	10.8039
2001		0.0000
2002	18.732	11.1633
2003	19.034	11.3433
2004	21.937	13.0733
2005	22.477	13.3951
2006	23.030	13.7247
2007	23.597	14.0626
2008	25.231	15.0364
2009	26.262	15.6505
2010	27.292	16.2646
2011	28.937	17.2446
2012	30.581	18.2247
2013	30.581	18.2247
2014	30.581	18.2247
2015	30.581	18.2247
2016	30.581	18.2247
2017	30.061	17.9148
2018	32.329	19.2664
2019	32.329	19.2664

Table 2.1 Note (e): Bx values for the generic site are assumed to be the same as that provided for the Atlantic Compact for lack of a better alternative at this time.

Note (f): Effective with NUREG-1307, Revision 8 (Reference3) an alternative disposal option was introduced in which the bulk of the LLW is assumed to be dispositioned by waste vendors and/or disposed of at a non-compact disposal facility.

Note (g): Effective with NUREG1307, Revision 15, the nomenclature for the two disposal options, referred to as "Direct Disposal" and "Direct Disposal with Vendors" in previous revisions of NUREG-1307, is changed to "Compact-Affiliated Disposal. Facility Only" and "Combination of Compact-Affiliated and Non-Compact Disposal Facilities" to better describe the options.

Note (h): 2013 has no information in NUREG-1307 Revision 15. 2013 is an estimate that is calculated by applying the percent change between 2010 and 2012 and adding to the 2012 base.

Note (i): 2015 The NRC has issued Regulatory Issue Summary 2014-12, "Decommissioning Fund Status Report Calculations Update to Low-Level Waste Burial Charge Information," to inform licensees that they may use low-level waste burial charge data contained in Revision 15 of NUREG-1307, Report on Waste Burial Charges: Changes in Decommissioning Waste Disposal Costs at Low-Level Waste Burial Facilities, dated January 2013, when preparing their periodic decommissioning fund status report..

Note (j): Effective with NUREG–1307, Revision 15, the nomenclature for the two disposal options, referred to as "Direct Disposal" and "Direct Disposal with Vendors" in previous revisions of NUREG-1307, was changed to "Compact-Affiliated Disposal Facility Only" and "Combination of Compact-Affiliated and Non-Compact Disposal Facilities" to better describe these options.

Note (k): As allowed per NUREG-1307, Revision 16, PG&E used a burial/disposition adjustment factor higher than the burial/disposition adjustment factor provided in NUREG-1307, Revision 16, for plants that have no disposal site available within their designated LLW Compact. To avoid significant future shortfalls in funding and potential enforcement actions, PG&E used the burial/disposition adjustment factor for compact-affiliated disposal for the South Carolina Site."

Diablo Canyon Power Plant Unit 1 and 2
Decommissioning Cost Estimate by Phase and Cost Category
(2 pages)

ID	Scope Description	A Total Estimate Nominal / 2019$	B 1-Pre Shutdown Planning 12/2010 - 10/2024	C 2-Power Block Modifications 11/2024 - 4/2027	D 3-Wet Storage 5/2027 - 6/2032	E 4-Building Demolition 7/2032 - 4/2035	F 5-Site Restoration 5/2035 - 12/2038	G 6-ISFSI Operations 1/2039 - 8/2067	H 7-ISFSI Restoration 9/2067 - 1/2072	I License Termination	J Spent Fuel Management	K Site Restoration	L Utility Hours	M Contractor Hours
Unassigned Costs														
1	**Program Management, Oversight, and Fees**	$ 1,547,063,926	$ 162,667,779	$ 345,608,190	$ 433,485,478	$ 214,781,809	$ 161,090,622	$ 198,817,289	$ 30,612,758	$ 1,139,154,194	$ 292,241,050	$ 115,668,683	5,053,210	1,035,578
1.01	Staffing	$ 769,951,632	$ 118,648,836	$ 132,913,623	$ 279,950,992	$ 106,398,479	$ 75,712,533	$ 48,053,101	$ 8,274,068	$ 610,968,746	$ 87,384,407	$ 71,598,479	5,033,370	46,617
1.02	Severance	$ 165,856,154	$ -	$ 121,204,863	$ -	$ 22,549,430	$ 13,864,580	$ 6,648,159	$ 1,589,121	$ 157,618,873	$ 8,237,281	$ -	-	-
1.03	Energy	$ 71,553,979	$ -	$ 7,371,738	$ 35,478,027	$ 8,504,942	$ 9,462,221	$ 10,737,052	$ -	$ 60,591,699	$ 10,762,761	$ 199,520	-	-
1.04	Insurance	$ 29,160,198	$ -	$ 14,574,950	$ 2,076,827	$ 812,911	$ 1,055,133	$ 8,234,515	$ 2,405,862	$ 18,347,570	$ 10,660,039	$ 152,590	-	-
1.05	Property Tax	$ 41,979,145	$ -	$ 1,397,940	$ 4,305,565	$ 2,358,026	$ 3,060,520	$ 23,880,092	$ 6,977,001	$ 10,622,521	$ 30,914,114	$ 442,510	-	-
1.06	NRC Fees / Reviews	$ 71,695,919	$ 14,344,321	$ 6,222,298	$ 12,137,240	$ 3,081,384	$ 3,798,325	$ 27,605,294	$ 4,507,057	$ 32,666,204	$ 38,868,132	$ 161,583	-	118,114
1.07	Association/Industry Fees	$ 8,409,342	$ -	$ 1,433,479	$ 3,413,786	$ 1,707,551	$ 1,854,526	$ -	$ -	$ 8,409,342	$ -	$ -	-	-
1.08	Facility Maintenance	$ 22,917,186	$ -	$ 6,279,847	$ 7,699,586	$ 3,464,971	$ 2,418,751	$ 2,918,846	$ 135,185	$ 19,269,680	$ 3,483,103	$ 164,404	-	174,477
1.09	Water Management	$ 76,017,579	$ -	$ 8,133,055	$ 18,144,201	$ 27,999,117	$ 11,825,333	$ 9,132,636	$ 783,237	$ 66,101,705	$ 9,915,874	$ -	-	111,580
1.10	Permits	$ 60,890,989	$ 20,410,114	$ 1,752,153	$ 15,650,716	$ 8,239,283	$ 1,256,766	$ 10,492,088	$ 3,089,868	$ 21,289,065	$ 12,200,979	$ 27,400,945	-	172,735
1.11	Future Land Use	$ 13,149,133	$ 7,690,119	$ 4,921,078	$ 537,936	$ -	$ -	$ -	$ -	$ -	$ -	$ 13,149,133	-	101,837
1.12	Spent Fuel Management Plan	$ 63,295,026	$ 60,648	$ 1,694,265	$ 6,135,452	$ 5,798,740	$ 10,445,952	$ 38,911,987	$ 247,982	$ 893,223	$ 62,401,802	$ -	-	182,663
1.13	License Termination Plan	$ 15,094,058	$ -	$ -	$ 2,043,280	$ 4,380,388	$ 4,493,041	$ 2,031,709	$ 2,145,639	$ 10,916,709	$ 4,177,349	$ -	-	65,437
1.14	Site Characterization	$ 15,811,310	$ -	$ 15,794,861	$ 16,449	$ -	$ -	$ -	$ -	$ 15,811,310	$ -	$ -	-	57,805
1.15	Emergency Planning - Senate Bill 1090	$ 46,422,562	$ -	$ 756,419	$ 21,636,359	$ 11,519,145	$ 12,510,638	$ -	$ -	$ 46,422,562	$ -	$ -	-	-
1.16	Emergency Planning	$ 28,791,704	$ -	$ 15,922,189	$ 9,157,270	$ 1,214,100	$ 2,498,145	$ -	$ -	$ 27,612,161	$ -	$ 1,179,543	19,840	-
1.17	Consumables	$ 39,667,855	$ -	$ 4,339,638	$ 13,239,174	$ 5,733,243	$ 5,726,253	$ 10,171,810	$ 457,736	$ 25,212,669	$ 13,235,210	$ 1,219,976	-	4,313
1.18	Public Outreach & Stakeholder Engagement	$ 6,400,156	$ 1,513,741	$ 895,793	$ 1,862,619	$ 1,020,100	$ 1,107,903	$ -	$ -	$ 6,400,156	$ -	$ -	-	-
2	**Security Operations**	$ 597,882,038	$ -	$ 102,337,113	$ 229,602,266	$ 23,104,366	$ 29,923,842	$ 212,340,969	$ 573,483	$ 15,367,245	$ 581,402,373	$ 1,112,420	5,035,669	64,765
2.01	Security Staffing	$ 578,430,000	$ -	$ 100,954,945	$ 225,168,401	$ 20,296,023	$ 26,322,018	$ 205,511,955	$ 176,658	$ 4,311,026	$ 574,118,974	$ -	5,035,669	-
2.02	Other Security Related Costs	$ 19,452,038	$ -	$ 1,382,168	$ 4,433,865	$ 2,808,342	$ 3,601,824	$ 6,829,014	$ 396,825	$ 11,056,219	$ 7,283,399	$ 1,112,420	-	64,765
3	**Waste/Transportation/Material Management (Excluding: Breakwater, Reactor Vessel/Internal Segmentation, & Large Component Removal)**	$ 953,944,405	$ 948,775	$ 20,474,491	$ 48,803,786	$ 632,365,587	$ 181,496,961	$ 45,154,398	$ 24,700,409	$ 800,419,478	$ 69,266,891	$ 84,258,036	-	1,355,821
3.01	Waste & Transportation Management	$ 133,020,124	$ -	$ 3,597,570	$ 16,391,211	$ 40,710,400	$ 59,639,768	$ 1,486,243	$ 11,194,932	$ 63,920,988	$ 12,126,299	$ 56,972,837	-	1,042,349
3.02	Transportation	$ 113,028,877	$ -	$ 759,808	$ 17,931,460	$ 66,309,446	$ 24,138,899	$ -	$ 3,889,264	$ 71,136,077	$ 3,856,224	$ 38,036,576	-	-
3.03	Disposal	$ 666,559,834	$ -	$ 571,011	$ 13,475,855	$ 543,347,582	$ 103,010,904	$ -	$ 6,154,482	$ 654,340,858	$ 6,154,482	$ 6,064,493	-	-
3.04	Material Management	$ 54,651,207	$ 948,775	$ 23,381,295	$ 13,862,313	$ 9,288,092	$ 2,730,735	$ 978,267	$ 3,461,730	$ 20,364,990	$ 4,439,997	$ 29,846,219	-	313,472
3.05	Asset Recovery	$ (56,005,525)	$ -	$ (7,835,192)	$ (12,857,054)	$ (27,289,933)	$ (8,023,346)	$ -	$ -	$ (9,343,435)	$ -	$ (46,662,090)	-	-
3.06	GTCC Disposal	$ 42,689,888	$ -	$ -	$ -	$ -	$ -	$ 42,689,888	$ -	$ -	$ 42,689,888	$ -	-	-
Discrete Costs														
4	**Power Block Modifications**	$ 85,116,147	$ 20,759,023	$ 63,851,727	$ 385,006	$ 120,391	$ -	$ -	$ -	$ 85,116,147	$ -	$ -	-	482,193
4.01	U1 Spent Fuel Pool Island	$ 7,061,148	$ 1,988,226	$ 4,867,149	$ 156,923	$ 48,850	$ -	$ -	$ -	$ 7,061,148	$ -	$ -	-	41,714
4.02	U2 Spent Fuel Pool Island	$ 6,426,203	$ 1,097,322	$ 5,029,257	$ 228,083	$ 71,540	$ -	$ -	$ -	$ 6,426,203	$ -	$ -	-	37,633
4.03	Install 230kV Baywood Feed	$ 18,298,564	$ 4,849,152	$ 13,449,412	$ -	$ -	$ -	$ -	$ -	$ 18,298,564	$ -	$ -	-	106,701
4.04	U1 Cold and Dark	$ 19,669,415	$ 3,414,865	$ 16,254,550	$ -	$ -	$ -	$ -	$ -	$ 19,669,415	$ -	$ -	-	101,561
4.05	U2 Cold and Dark	$ 19,669,415	$ 3,414,865	$ 16,254,550	$ -	$ -	$ -	$ -	$ -	$ 19,669,415	$ -	$ -	-	101,561
4.06	Security Modifications	$ 13,991,403	$ 5,994,594	$ 7,996,809	$ -	$ -	$ -	$ -	$ -	$ 13,991,403	$ -	$ -	-	93,024
5	**Site Infrastructure**	$ 148,417,133	$ 7,440,954	$ 46,961,293	$ 84,766,313	$ 5,625,329	$ 2,349,154	$ 1,170,666	$ 103,425	$ 147,143,043	$ 1,274,090	$ -	-	839,339
5.01	Offsite Infrastructure	$ 30,798,596	$ -	$ 160,138	$ 30,638,458	$ -	$ -	$ -	$ -	$ 30,798,596	$ -	$ -	-	133,448
5.02	Road Improvements	$ 17,352,515	$ -	$ 11,883,504	$ 2,220,502	$ 947,691	$ 1,028,423	$ 1,169,313	$ 103,083	$ 16,080,119	$ 1,272,395	$ -	-	88,996
5.03	Facility Construction	$ 30,223,282	$ 190,237	$ 17,717,857	$ 12,315,189	$ -	$ -	$ -	$ -	$ 30,223,282	$ -	$ -	-	166,239
5.04	Existing Building and Structure Modifications	$ 21,538,952	$ -	$ 8,755,920	$ 12,193,104	$ 496,202	$ 92,031	$ 1,353	$ 342	$ 21,537,257	$ 1,695	$ -	-	112,291
5.05	ISFSI Security Building Construction	$ 14,875,382	$ -	$ 2,735,889	$ 12,139,493	$ -	$ -	$ -	$ -	$ 14,875,382	$ -	$ -	-	77,090
5.06	ISFSI Pad Expansion for GTCC Storage	$ 15,106,724	$ 6,698,754	$ 1,435,894	$ 6,972,076	$ -	$ -	$ -	$ -	$ 15,106,724	$ -	$ -	-	102,342
5.07	Project Oversight and Support	$ 18,521,682	$ 551,963	$ 4,272,091	$ 8,287,492	$ 4,181,436	$ 1,228,700	$ -	$ -	$ 18,521,682	$ -	$ -	-	158,934
6	**Large Component Removal**	$ 182,003,735	$ -	$ 44,715,541	$ 137,288,195	$ -	$ -	$ -	$ -	$ 182,003,735	$ -	$ -	-	352,279
6.01	Legacy Steam Generators	$ 51,270,407	$ -	$ 28,643,919	$ 22,626,489	$ -	$ -	$ -	$ -	$ 51,270,407	$ -	$ -	-	46,260
6.02	Legacy Rx Heads	$ 3,978,998	$ -	$ 311,667	$ 3,667,331	$ -	$ -	$ -	$ -	$ 3,978,998	$ -	$ -	-	10,096
6.03	Steam Generators	$ 85,475,209	$ -	$ 9,668,181	$ 75,807,028	$ -	$ -	$ -	$ -	$ 85,475,209	$ -	$ -	-	169,010
6.04	Reactor Heads	$ 5,022,409	$ -	$ 238,387	$ 4,784,021	$ -	$ -	$ -	$ -	$ 5,022,409	$ -	$ -	-	4,921
6.05	Reactor Coolant Pumps	$ 10,330,948	$ -	$ 658,577	$ 9,672,371	$ -	$ -	$ -	$ -	$ 10,330,948	$ -	$ -	-	21,014
6.06	Pressurizers	$ 4,640,148	$ -	$ 299,106	$ 4,341,042	$ -	$ -	$ -	$ -	$ 4,640,148	$ -	$ -	-	5,181
6.07	Manipulators	$ 1,067,207	$ -	$ 211,086	$ 856,120	$ -	$ -	$ -	$ -	$ 1,067,207	$ -	$ -	-	2,318
6.08	Generators and Exciters	$ 625,072	$ -	$ -	$ 625,072	$ -	$ -	$ -	$ -	$ 625,072	$ -	$ -	-	3,654
6.09	Main Turbines	$ 1,725,465	$ -	$ -	$ 1,725,465	$ -	$ -	$ -	$ -	$ 1,725,465	$ -	$ -	-	10,420
6.10	Diesel Generators	$ 763,459	$ -	$ -	$ 763,459	$ -	$ -	$ -	$ -	$ 763,459	$ -	$ -	-	3,086
6.11	Other Turbine Building Components	$ 5,664,948	$ -	$ -	$ 5,664,948	$ -	$ -	$ -	$ -	$ 5,664,948	$ -	$ -	-	26,472
6.12	Large Access Penetrations	$ 343,878	$ -	$ 343,878	$ -	$ -	$ -	$ -	$ -	$ 343,878	$ -	$ -	-	1,025
6.13	Project Oversight and Support	$ 11,095,587	$ -	$ 4,340,738	$ 6,754,849	$ -	$ -	$ -	$ -	$ 11,095,587	$ -	$ -	-	48,821
7	**Reactor/Internals Segmentation**	$ 363,270,921	$ 1,395,737	$ -	$ 186,358,546	$ 175,516,638	$ -	$ -	$ -	$ 363,270,921	$ -	$ -	-	532,765
7.01	U1 Internals Segmentation	$ 18,226,210	$ -	$ -	$ 18,226,210	$ -	$ -	$ -	$ -	$ 18,226,210	$ -	$ -	-	74,760
7.02	U1 Reactor Segmentation	$ 10,690,780	$ -	$ -	$ 4,863,849	$ 5,826,931	$ -	$ -	$ -	$ 10,690,780	$ -	$ -	-	40,810
7.03	U2 Internals Segmentation	$ 17,998,352	$ -	$ -	$ 15,420,246	$ 2,578,106	$ -	$ -	$ -	$ 17,998,352	$ -	$ -	-	63,490
7.04	U2 Reactor Segmentation	$ 8,789,965	$ -	$ -	$ 7,893	$ 8,782,072	$ -	$ -	$ -	$ 8,789,965	$ -	$ -	-	33,850
7.05	Waste & Transportation	$ 214,824,738	$ -	$ -	$ 67,371,752	$ 147,452,986	$ -	$ -	$ -	$ 214,824,738	$ -	$ -	-	3,430
7.06	Project Oversight and Support	$ 38,458,412	$ 1,395,737	$ -	$ 27,738,946	$ 9,323,729	$ -	$ -	$ -	$ 38,458,412	$ -	$ -	-	182,551
7.07	Specialty Equipment	$ 54,282,465	$ -	$ -	$ 52,729,651	$ 1,552,814	$ -	$ -	$ -	$ 54,282,465	$ -	$ -	-	133,874
8	**Spent Fuel Transfer to ISFSI**	$ 246,588,208	$ -	$ 141,156	$ 245,388,614	$ 412,330	$ 364,135	$ 281,973	$ -	$ 29,217,316	$ 217,370,892	$ -	52,988	327,906
8.01	SNF and GTCC Cask Procurement	$ 188,997,570	$ -	$ -	$ 188,997,570	$ -	$ -	$ -	$ -	$ 21,057,935	$ 167,939,635	$ -	-	9,940
8.02	U1 Spent Fuel transfer to ISFSI	$ 29,106,017	$ -	$ 117,399	$ 28,958,604	$ 30,014	$ -	$ -	$ -	$ 2,176,885	$ 26,929,132	$ -	26,494	162,261
8.03	U2 Spent Fuel transfer to ISFSI	$ 22,220,152	$ -	$ 23,756	$ 22,166,382	$ 30,014	$ -	$ -	$ -	$ -	$ 22,220,152	$ -	26,494	123,121
8.04	U1 GTCC Transfer to ISFSI	$ 3,760,418	$ -	$ -	$ 2,762,007	$ 352,303	$ 364,135	$ 281,973	$ -	$ 3,478,445	$ 281,973	$ -	-	17,535

ID	Scope Description	A Total Estimate Nominal / 2019$	B 1-Pre Shutdown Planning	C 2-Power Block Modifications	D 3-Wet Storage	E 4-Building Demolition	F 5-Site Restoration	G 6-ISFSI Operations	H 7-ISFSI Restoration	I License Termination	J Spent Fuel Management	K Site Restoration	L Utility Hours	M Contractor Hours
8.05	U2 GTCC Transfer to ISFSI	$ 2,504,051	$ -	$ -	$ 2,504,051	$ -	$ -	$ -	$ -	$ 2,504,051	$ -	$ -	-	15,049
9	Turbine Bldg	$ 72,556,880	$ -	$ 3,597,570	$ 51,255,243	$ 17,701,386	$ 2,680	$ -	$ -	$ 72,556,880	$ -	$ -	-	406,964
9.01	U1 Decontamination	$ 21,736,343	$ -	$ 2,690,730	$ 18,146,091	$ 899,522	$ -	$ -	$ -	$ 21,736,343	$ -	$ -	-	131,306
9.02	U1 System & Area Closure	$ 7,089,593	$ -	$ 154,087	$ 6,254,550	$ 680,956	$ -	$ -	$ -	$ 7,089,593	$ -	$ -	-	35,348
9.03	U1 Demolition	$ 5,914,199	$ -	$ -	$ 1,071,812	$ 4,841,117	$ 1,271	$ -	$ -	$ 5,914,199	$ -	$ -	-	27,661
9.04	U2 Decontamination	$ 19,746,838	$ -	$ 478,705	$ 14,147,089	$ 5,121,044	$ -	$ -	$ -	$ 19,746,838	$ -	$ -	-	119,335
9.05	U2 System & Area Closure	$ 11,475,335	$ -	$ 274,047	$ 10,423,944	$ 777,344	$ -	$ -	$ -	$ 11,475,335	$ -	$ -	-	64,015
9.06	U2 Demolition	$ 6,594,571	$ -	$ -	$ 1,211,757	$ 5,381,404	$ 1,409	$ -	$ -	$ 6,594,571	$ -	$ -	-	29,300
10	Aux Building	$ 97,218,709	$ -	$ 9,630,828	$ 63,937,297	$ 23,645,593	$ 4,991	$ -	$ -	$ 97,218,709	$ -	$ -	-	598,758
########	U1 Decontamination	$ 3,149,632	$ -	$ 1,213,272	$ 519,116	$ 1,417,245	$ -	$ -	$ -	$ 3,149,632	$ -	$ -	-	20,566
########	U1 System & Area Closure	$ 35,944,051	$ -	$ 3,743,952	$ 30,937,022	$ 1,263,077	$ -	$ -	$ -	$ 35,944,051	$ -	$ -	-	240,451
########	U1 Demolition	$ 11,773,222	$ -	$ -	$ 2,160,942	$ 9,609,762	$ 2,518	$ -	$ -	$ 11,773,222	$ -	$ -	-	50,901
########	U2 Decontamination	$ 2,034,673	$ -	$ 1,201,667	$ 519,116	$ 313,891	$ -	$ -	$ -	$ 2,034,673	$ -	$ -	-	12,530
########	U2 System & Area Closure	$ 32,708,239	$ -	$ 3,471,937	$ 27,658,324	$ 1,577,978	$ -	$ -	$ -	$ 32,708,239	$ -	$ -	-	217,713
########	U2 Demolition	$ 11,608,892	$ -	$ -	$ 2,142,778	$ 9,463,641	$ 2,472	$ -	$ -	$ 11,608,892	$ -	$ -	-	56,597
11	Containment	$ 127,655,873	$ -	$ 38,100,617	$ 52,420,290	$ 37,126,252	$ 8,713	$ -	$ -	$ 127,655,873	$ -	$ -	-	739,321
########	U1 Decontamination	$ 8,861,905	$ -	$ 5,428,965	$ 2,628,087	$ 804,852	$ -	$ -	$ -	$ 8,861,905	$ -	$ -	-	50,887
########	U1 System & Area Closure	$ 35,332,009	$ -	$ 19,211,008	$ 15,091,861	$ 1,029,140	$ -	$ -	$ -	$ 35,332,009	$ -	$ -	-	231,803
########	U1 Demolition	$ 20,232,216	$ -	$ -	$ 3,691,222	$ 16,536,656	$ 4,338	$ -	$ -	$ 20,232,216	$ -	$ -	-	90,094
########	U2 Decontamination	$ 6,909,313	$ -	$ 4,140,241	$ 1,808,148	$ 960,924	$ -	$ -	$ -	$ 6,909,313	$ -	$ -	-	37,891
########	U2 System & Area Closure	$ 35,839,637	$ -	$ 9,320,402	$ 25,437,481	$ 1,081,754	$ -	$ -	$ -	$ 35,839,637	$ -	$ -	-	237,014
########	U2 Demolition	$ 20,480,794	$ -	$ -	$ 3,763,492	$ 16,712,927	$ 4,376	$ -	$ -	$ 20,480,794	$ -	$ -	-	91,631
12	Fuel Handling Building	$ 51,262,384	$ -	$ 963,883	$ 17,185,093	$ 33,111,018	$ 2,390	$ -	$ -	$ 51,262,384	$ -	$ -	-	298,259
########	U1 Decontamination	$ 2,126,758	$ -	$ -	$ 229,844	$ 1,896,914	$ -	$ -	$ -	$ 2,126,758	$ -	$ -	-	11,900
########	U1 System & Area Closure	$ 15,730,796	$ -	$ 419,026	$ 11,817,220	$ 3,494,551	$ -	$ -	$ -	$ 15,730,796	$ -	$ -	-	102,621
########	U1 Demolition	$ 7,305,075	$ -	$ -	$ 1,349,351	$ 5,954,160	$ 1,563	$ -	$ -	$ 7,305,075	$ -	$ -	-	25,448
########	U2 Decontamination	$ 2,062,991	$ -	$ -	$ 229,844	$ 1,833,147	$ -	$ -	$ -	$ 2,062,991	$ -	$ -	-	11,475
########	U2 System & Area Closure	$ 20,123,067	$ -	$ 544,858	$ 2,818,777	$ 16,759,432	$ -	$ -	$ -	$ 20,123,067	$ -	$ -	-	130,906
########	U2 Demolition	$ 3,913,696	$ -	$ -	$ 740,056	$ 3,172,813	$ 827	$ -	$ -	$ 3,913,696	$ -	$ -	-	15,909
14	Balance of Site	$ 85,020,639	$ 4,385,440	$ 21,526,529	$ 27,204,958	$ 26,955,307	$ 4,948,406	$ -	$ -	$ 26,643,629	$ -	$ 58,377,010	-	502,627
########	Decontamination	$ 11,705,190	$ -	$ 1,304,599	$ 6,279,970	$ 3,815,763	$ 304,858	$ -	$ -	$ 11,705,190	$ -	$ -	-	77,563
########	System & Area Closure	$ 14,938,440	$ -	$ 3,582,932	$ 5,425,182	$ 5,930,326	$ -	$ -	$ -	$ 14,938,440	$ -	$ -	-	89,477
########	Demolition	$ 58,377,010	$ 4,385,440	$ 16,638,998	$ 15,499,806	$ 17,209,218	$ 4,643,548	$ -	$ -	$ -	$ -	$ 58,377,010	-	335,587
15	Intake Structure	$ 43,664,111	$ -	$ 4,481,484	$ 34,822,877	$ 4,338,161	$ 21,589	$ -	$ -	$ 6,851,036	$ -	$ 36,813,075	-	174,459
########	System Area Closure	$ 6,851,036	$ -	$ 4,481,484	$ 2,058,987	$ 310,565	$ -	$ -	$ -	$ 6,851,036	$ -	$ -	-	43,407
########	Coffer Dam	$ 14,973,789	$ -	$ -	$ 14,973,789	$ -	$ -	$ -	$ -	$ -	$ -	$ 14,973,789	-	35,818
########	Demolition	$ 21,839,285	$ -	$ -	$ 17,790,101	$ 4,027,595	$ 21,589	$ -	$ -	$ -	$ -	$ 21,839,285	-	95,234
16	Discharge Structure	$ 15,866,840	$ -	$ -	$ 504,630	$ 15,361,598	$ 612	$ -	$ -	$ 15,866,840	$ -	$ -	-	69,467
########	Discharge Piping Decon	$ 601,712	$ -	$ -	$ -	$ 601,712	$ -	$ -	$ -	$ 601,712	$ -	$ -	-	3,710
########	Coffer Dam	$ 7,588,698	$ -	$ -	$ -	$ 7,588,698	$ -	$ -	$ -	$ 7,588,698	$ -	$ -	-	24,492
########	Demolition	$ 2,828,124	$ -	$ -	$ 504,630	$ 2,322,882	$ 612	$ -	$ -	$ 2,828,124	$ -	$ -	-	11,852
########	System Area Closure	$ 4,848,306	$ -	$ -	$ -	$ 4,848,306	$ -	$ -	$ -	$ 4,848,306	$ -	$ -	-	29,412
17	Breakwater	$ 299,820,944	$ -	$ -	$ -	$ 1,091,666	$ 298,729,277	$ -	$ -	$ -	$ -	$ 299,820,944	-	131,304
########	Demolition	$ 144,209,738	$ -	$ -	$ -	$ 1,091,666	$ 143,118,071	$ -	$ -	$ -	$ -	$ 144,209,738	-	131,304
########	Transportation	$ 134,931,130	$ -	$ -	$ -	$ -	$ 134,931,130	$ -	$ -	$ -	$ -	$ 134,931,130	-	-
########	Disposal Cost	$ 20,680,076	$ -	$ -	$ -	$ -	$ 20,680,076	$ -	$ -	$ -	$ -	$ 20,680,076	-	-
18	Non-ISFSI Site Restoration	$ 142,231,716	$ -	$ 5,681,058	$ 11,185,998	$ 22,858,339	$ 83,193,972	$ 14,307,529	$ 5,004,820	$ -	$ -	$ 142,231,716	-	650,452
########	Utilities and Structures Demo	$ 33,059,333	$ -	$ 3,358,625	$ -	$ 1,419,209	$ 12,459,587	$ 10,817,093	$ 5,004,820	$ -	$ -	$ 33,059,333	-	85,543
########	Soil Remediation	$ 4,367,837	$ -	$ -	$ -	$ 1,477,141	$ 2,757,028	$ 133,668	$ -	$ -	$ -	$ 4,367,837	-	21,781
########	Final Site Survey	$ 42,681,623	$ -	$ -	$ 4,908,262	$ 3,976,540	$ 33,796,821	$ -	$ -	$ -	$ -	$ 42,681,623	-	247,056
########	Grading and Landscaping	$ 62,122,923	$ -	$ 2,322,433	$ 6,277,736	$ 15,985,450	$ 34,180,536	$ 3,356,768	$ -	$ -	$ -	$ 62,122,923	-	296,072
19	Spent Fuel Transfer to DOE	$ 26,382,419	$ -	$ -	$ 2,902	$ 428,695	$ 991,714	$ 21,262,076	$ 3,697,031	$ -	$ 26,382,419	$ -	-	117,160
########	U1 Spent Fuel Transfer to DOE	$ 7,296,082	$ -	$ -	$ -	$ -	$ 526,120	$ 6,769,962	$ -	$ -	$ 7,296,082	$ -	-	51,795
########	U2 Spent Fuel Transfer to DOE	$ 18,034,098	$ -	$ -	$ 2,902	$ 428,695	$ 465,594	$ 13,439,875	$ 3,697,031	$ -	$ 18,034,098	$ -	-	57,895
########	GTCC Transfer to Offsite Facility	$ 1,052,239	$ -	$ -	$ -	$ -	$ -	$ 1,052,239	$ -	$ -	$ 1,052,239	$ -	-	7,470
20	ISFSI Demolition and Site Restoration	$ 57,850,179	$ -	$ -	$ -	$ -	$ -	$ 5,191,303	$ 52,658,876	$ -	$ 57,850,179	$ -	-	287,967
########	Utilities and Structures Demo	$ 24,962,338	$ -	$ -	$ -	$ -	$ -	$ 2,662,766	$ 22,299,572	$ -	$ 24,962,338	$ -	-	133,651
########	Soil Remediation	$ 2,165,407	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,165,407	$ -	$ 2,165,407	$ -	-	12,324
########	Final Site Survey	$ 2,026,815	$ -	$ -	$ -	$ -	$ -	$ -	$ 2,026,815	$ -	$ 2,026,815	$ -	-	9,040
########	Grading and Landscaping	$ 28,695,619	$ -	$ -	$ -	$ -	$ -	$ 2,528,537	$ 26,167,082	$ -	$ 28,695,619	$ -	-	132,951
	GRAND TOTAL	$ 5,143,817,207	$ 197,597,707	$ 708,071,479	$ 1,624,597,492	$ 1,234,544,465	$ 763,129,060	$ 498,526,203	$ 117,350,801	$ 3,159,747,430	$ 1,245,787,894	$ 738,281,882	10,141,866	8,967,383

Note: 2010-2018 in Nominal Dollars. 2019-2072 in 2019 dollars.

Diablo Canyon Power Plant - Unit 1
Decommissioning Cash Flow
2019 Dollars
(1 page)

Diablo Canyon Power Plant Unit 2
Decommissioning Cash Flow
2019 Dollars
(1 page)

Diablo Canyon Power Plant - Unit 1

Decommissioning Cash Flow (Note 1)

Estimated in Nominal/2019 Dollars

Year	NRC Scope (Radiological)	Non-NRC Scope (Non-Radiological)	Spent Fuel Management	Total	Cummulative Decommissioning Estimate	Trust Account Funding
2010	$7,445			$7,445	$7,445	
2011	$55,564			$55,564	$63,009	
2016	$245,827			$245,827	$308,836	
2017	$3,375,033			$3,375,033	$3,683,869	
2018	$8,175,432	$1,034,409	$1,144,722	$10,354,563	$14,038,432	$14,038,432 Actual
2019	$6,720,203	$1,757,492	$303,689	$8,781,383	$22,819,815	
2020	$9,949,153	$1,423,071	$219,621	$11,591,845	$34,411,660	
2021	$12,453,978	$1,836,522	$377,283	$14,667,783	$49,079,443	
2022	$9,970,573	$1,834,362	$380,654	$12,185,590	$61,265,033	
2023	$13,392,081	$2,339,165	$389,783	$16,121,029	$77,386,062	
2024	$30,201,082	$4,481,649	$1,886,873	$36,569,604	$113,955,666	
2025	$121,354,420	$5,503,451	$14,811,716	$141,669,587	$255,625,253	
2026	$106,469,508	$4,649,720	$31,263,628	$142,382,856	$398,008,109	
2027	$101,182,296	$5,390,600	$25,424,465	$131,997,361	$530,005,470	
2028	$89,991,711	$4,023,264	$24,907,377	$118,922,352	$648,927,821	
2029	$96,182,249	$4,654,686	$39,509,327	$140,346,263	$789,274,084	
2030	$102,226,552	$5,222,164	$128,691,416	$236,140,132	$1,025,414,216	
2031	$132,720,306	$6,613,615	$55,011,838	$194,345,759	$1,219,759,975	
2032	$189,160,159	$6,487,936	$12,807,834	$208,455,928	$1,428,215,903	$1,306,314,401 Market Value
2033	$190,381,565	$5,867,782	$5,423,200	$201,672,547	$1,629,888,449	
2034	$160,379,360	$5,764,923	$6,011,214	$172,155,497	$1,802,043,946	
2035	$99,866,224	$20,316,534	$7,303,084	$127,485,843	$1,929,529,789	
2036	$34,350,918	$36,071,759	$5,744,575	$76,167,252	$2,005,697,041	
2037	$34,377,928	$35,708,937	$5,377,014	$75,463,879	$2,081,160,920	
2038	$28,133,442	$35,525,806	$6,399,371	$70,058,619	$2,151,219,539	
2039		$33,534	$6,265,973	$6,299,507	$2,157,519,046	
2040		$33,626	$7,980,485	$8,014,112	$2,165,533,158	
2041		$33,534	$6,265,904	$6,299,439	$2,171,832,596	
2042		$33,534	$6,792,024	$6,825,558	$2,178,658,155	
2043		$33,534	$6,265,904	$6,299,439	$2,184,957,593	
2044		$33,626	$6,809,191	$6,842,817	$2,191,800,410	
2045		$33,534	$7,437,176	$7,470,711	$2,199,271,121	
2046		$33,534	$6,792,024	$6,825,558	$2,206,096,679	
2047		$33,534	$6,265,904	$6,299,439	$2,212,396,118	
2048		$33,626	$6,809,191	$6,842,817	$2,219,238,935	
2049		$33,534	$6,265,904	$6,299,439	$2,225,538,374	
2050		$33,534	$8,002,066	$8,035,601	$2,233,573,974	
2051		$33,534	$6,265,904	$6,299,439	$2,239,873,413	
2052		$33,626	$6,809,191	$6,842,817	$2,246,716,230	
2053		$33,534	$6,265,904	$6,299,439	$2,253,015,669	
2054		$33,534	$6,792,024	$6,825,558	$2,259,841,227	
2055		$33,534	$7,437,176	$7,470,711	$2,267,311,938	
2056		$33,626	$6,809,191	$6,842,817	$2,274,154,755	
2057		$33,534	$6,265,904	$6,299,439	$2,280,454,193	
2058		$33,534	$6,792,024	$6,825,558	$2,287,279,752	
2059		$33,534	$6,265,904	$6,299,439	$2,293,579,190	
2060		$227,658	$8,927,718	$9,155,377	$2,302,734,567	
2061		$629,487	$7,918,327	$8,547,814	$2,311,282,381	
2062		$452,453	$9,646,994	$10,099,448	$2,321,381,829	
2063		$570,998	$9,368,324	$9,939,322	$2,331,321,151	
2064		$361,646	$7,615,742	$7,977,388	$2,339,298,539	
2065		$346,148	$8,558,457	$8,904,604	$2,348,203,143	
2066		$243,534	$30,878,988	$31,122,522	$2,379,325,665	
2067		$298,050	$14,731,299	$15,029,349	$2,394,355,014	
2068		$366,228	$9,252,693	$9,618,921	$2,403,973,935	
2069		$220,103	$6,509,215	$6,729,318	$2,410,703,253	
2070		$289,652	$3,485,221	$3,774,874	$2,414,478,126	
2071		$6,533	$1,359,144	$1,365,677	$2,415,843,803	
2072			$1,836,551	$1,836,551	$2,417,680,354	
2073			$876,886	$876,886	$2,418,557,239	
2074			$876,886	$876,886	$2,419,434,125	
2075			$876,886	$876,886	$2,420,311,011	
2076			$36,036	$36,036	$2,420,347,047	
Grand Total	$1,581,323,007	$201,225,020	$637,799,020	$2,420,347,047		

NOTES:

1) Cash Flow is based on construction of Independent Spent Fuel Storage Installation (ISFSI) and assumes Department of Energy (DOE) Used Fuel Repository opens in 2031.
2) Trust Account Value of $1,306.3 million Market Value as of 12/31/18.

Diablo Canyon Power Plant - Unit 2

Decommissioning Cash Flow (Note 1)

Estimated in Nominal/2019 Dollars

Year	NRC Scope (Radiological)	Non-NRC Scope (Non-Radiological)	Spent Fuel Management	Total	Cummulative Decommissioning Estimate	Trust Account Funding
2010	$7,445			$7,445	$7,445	
2011	$55,564			$55,564	$63,009	
2016	$245,827			$245,827	$308,836	
2017	$3,375,033			$3,375,033	$3,683,869	
2018	$8,175,432	$1,034,409	$1,144,722	$10,354,563	$14,038,432	$14,038,432 Actuals
2019	$6,720,203	$1,757,492	$303,689	$8,781,383	$22,819,815	
2020	$9,949,153	$1,423,071	$219,621	$11,591,845	$34,411,660	
2021	$11,058,242	$1,836,522	$377,283	$13,272,046	$47,683,707	
2022	$9,970,573	$1,834,362	$380,654	$12,185,590	$59,869,296	
2023	$12,994,773	$4,487,181	$389,783	$17,871,737	$77,741,034	
2024	$14,343,403	$6,262,379	$1,489,343	$22,095,125	$99,836,159	
2025	$126,517,334	$17,082,734	$14,915,239	$158,515,307	$258,351,466	
2026	$87,659,232	$15,261,915	$31,249,794	$134,170,941	$392,522,407	
2027	$117,071,544	$12,175,547	$25,410,630	$154,657,721	$547,180,128	
2028	$81,960,866	$8,026,493	$24,342,270	$114,329,629	$661,509,757	
2029	$107,599,959	$7,075,394	$24,434,186	$139,109,539	$800,619,296	
2030	$79,636,854	$21,332,865	$25,611,403	$126,581,122	$927,200,419	
2031	$97,666,934	$19,208,798	$78,958,510	$195,834,241	$1,123,034,660	
2032	$203,140,735	$14,148,409	$20,270,194	$237,559,338	$1,360,593,998	
2033	$259,787,426	$2,573,934	$5,564,077	$267,925,437	$1,628,519,435	
2034	$187,973,910	$17,826,475	$6,144,718	$211,945,102	$1,840,464,538	$1,708,513,862 Market Value
2035	$104,244,843	$66,493,366	$7,436,588	$178,174,797	$2,018,639,335	
2036	$17,786,338	$105,019,964	$5,879,532	$128,685,833	$2,147,325,168	
2037	$17,834,539	$108,489,650	$5,510,518	$131,834,707	$2,279,159,875	
2038	$12,586,313	$79,154,273	$5,870,469	$97,611,055	$2,376,770,930	
2039		$1,195,791	$6,752,337	$7,948,128	$2,384,719,058	
2040		$735,191	$7,454,383	$8,189,574	$2,392,908,632	
2041		$570,725	$6,792,041	$7,362,766	$2,400,271,398	
2042		$570,725	$6,265,921	$6,836,647	$2,407,108,045	
2043		$585,768	$6,792,041	$7,377,809	$2,414,485,854	
2044		$33,626	$6,283,088	$6,316,715	$2,420,802,569	
2045		$33,534	$7,963,313	$7,996,848	$2,428,799,416	
2046		$33,534	$6,265,921	$6,299,456	$2,435,098,872	
2047		$33,534	$6,792,041	$6,825,576	$2,441,924,448	
2048		$33,626	$6,283,088	$6,316,715	$2,448,241,162	
2049		$33,534	$6,792,041	$6,825,576	$2,455,066,738	
2050		$33,534	$7,475,964	$7,509,498	$2,462,576,236	
2051		$33,534	$6,792,041	$6,825,576	$2,469,401,812	
2052		$33,626	$6,283,088	$6,316,715	$2,475,718,526	
2053		$33,534	$6,792,041	$6,825,576	$2,482,544,102	
2054		$33,534	$6,265,921	$6,299,456	$2,488,843,558	
2055		$33,534	$7,840,756	$7,874,290	$2,496,717,848	
2056		$33,626	$6,283,088	$6,316,715	$2,503,034,563	
2057		$33,534	$6,914,598	$6,948,133	$2,509,982,696	
2058		$33,534	$6,265,921	$6,299,456	$2,516,282,152	
2059		$33,534	$6,792,041	$6,825,576	$2,523,107,727	
2060		$227,658	$8,401,616	$8,629,274	$2,531,737,002	
2061		$629,487	$8,444,463	$9,073,951	$2,540,810,952	
2062		$452,453	$9,120,892	$9,573,345	$2,550,384,298	
2063		$570,998	$9,894,461	$10,465,459	$2,560,849,756	
2064		$361,646	$8,291,863	$8,653,508	$2,569,503,265	
2065		$346,148	$10,180,840	$10,526,988	$2,580,030,253	
2066		$521,242	$10,466,177	$10,987,419	$2,591,017,671	
2067		$15,750,295	$43,223,193	$58,973,488	$2,649,991,159	
2068		$749,528	$28,394,987	$29,144,515	$2,679,135,674	
2069		$440,723	$18,555,526	$18,996,250	$2,698,131,924	
2070		$332,567	$14,628,893	$14,961,460	$2,713,093,384	
2071		$6,533	$3,515,938	$3,522,470	$2,716,615,854	
2072			$2,651,183	$2,651,183	$2,719,267,038	
2073			$1,368,883	$1,368,883	$2,720,635,920	
2074			$1,368,883	$1,368,883	$2,722,004,803	
2075			$1,473,143	$1,473,143	$2,723,477,945	
2076			$42,479	$42,479	$2,723,520,425	
TOTAL	$1,578,362,475	$537,089,629	$608,068,321	$2,723,520,425		

NOTES:

1) Cash Flow is based on construction of Independent Spent Fuel Storage Installation (ISFSI) and assumes Department of Energy (DOE) Used Fuel Repository opens in 2031.
2) Trust Account Value of $1,708.5 million Market Value as of 12/31/18.