Application No.: A.16-03-004
Exhibit No.: SDGE-06
Witnesses: Sue E. Garcia
Adam H. Levin

PREPARED SUPPLEMENTAL TESTIMONY

ON BEHALF OF

SAN DIEGO GAS & ELECTRIC COMPANY

(Reasonableness of SONGS 2&3 Decommissioning Activities and Costs Incurred by SDG&E in 2015)

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

February 17, 2017

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I. INTRODUCTION (S. GARCIA)

In this document, San Diego Gas & Electric Company ("SDG&E") is providing testimony in support of its requests that the California Public Utilities Commission ("CPUC" or "Commission"):

- Approve as reasonable the \$34.3 million (SDG&E share, 2014\$) for SONGS

 Units 2&3 decommissioning expenses invoiced to SDG&E by Southern

 California Edison Company ("SCE") between January 1, 2015 and December 31,

 2015 for completed "distributed" and "undistributed" costs; and
- 2) Approve as reasonable the \$2.6 million² (2014\$) in SDG&E-only costs for SONGS incurred January 1, 2015 through December 31, 2015.

This volume of testimony is organized as follows: Chapter II provides a brief overview of SDG&E's request. Chapter III discusses the reasonableness review standard applicable to SDG&E's requests, and how the standard should be applied considering SDG&E's oversight role in 2015. Chapter IV provides a review of SDG&E's 2015 costs incurred, as billed by SCE. Chapter V provides a review by SDG&E's nuclear industry expert of the completed distributed and undistributed decommissioning activities undertaken by SCE in 2015. Chapter VI provides a review of the SDG&E-only costs incurred in 2015.

II. OVERVIEW (S. GARCIA)

The purpose of this testimony is to demonstrate the reasonableness of San Onofre Nuclear Generating Station Unit Nos. 2&3 ("SONGS Units 2&3") decommissioning expenses recorded by SDG&E in 2015. SDG&E's 2015 decommissioning costs discussed in this testimony falls into several categories.

Distributed costs are activity specific and include planning and preparation costs as well as costs for decontamination, packaging, disposal, and removal of major components and systems. Undistributed costs are typically time dependent, recurring, unavoidable costs. Insurance, NRC fees, utility staff, security, and energy costs are examples undistributed costs. *See* SCE A.16-03-004, Exhibit SCE-08, Section I, footnotes 1 and 3 for distributed and undistributed cost explanation.

All internal costs referenced in this document are included in the SDG&E's 2015 Recorded Costs Advice Letter 2904-E, approved by the Commission with an effective date of July 18, 2016. These internal costs include adjustments of approximately \$9,000 relating to SDG&E's 2014 Recorded Costs Advice Letter 2806-E, approved by the Commission with an effective date of November 22, 2015.

 First, SDG&E recorded \$10.6 million (SDG&E share, 2014\$) of distributed costs billed by SCE for completed decommissioning projects in 2015.³

Second, SDG&E recorded \$23.7 million (SDG&E share, 2014\$) of undistributed costs billed by SCE in 2015.

Third, SDG&E recorded \$2.6 million (2014\$) of "SDG&E-only" costs in 2015.

Lastly, SDG&E recorded \$24.3 million (SDG&E share, 2014\$) for distributed activities that were still in progress as of December 31, 2015. SDG&E refers to these expenses as the 2015 "In-Progress" Expenditures. As SCE intends to request a reasonableness review when these distributed projects are completed, SDG&E is not asking for a reasonableness review of these costs now.

Table 1 summarizes these expenses compared to SDG&E's 20% share of the SONGS 2&3 Decommissioning Cost Estimate (SONGS 2&3 DCE) approved in Decision (D.) 16-04-019:

Table 1
Summary of 2015 SDG&E Costs
(2014\$ Constant Dollars in Millions, 20% Level)

	Category	DCE	Recorded	Variance
1	Distributed Costs for Projects Completed in	0.0	0.0	0.0
	2014 but billed to SDG&E in 2015			
2	Distributed Costs for Projects Completed in	0.5	10.6	(10.1)
	2015 and billed to SDG&E in 2015			
3	Undistributed Costs billed to SDG&E in 2015	29.0	23.7	5.3
4	SDG&E Only Costs	1.9	2.6	(0.7)
5	Review Period Expenditures Total	31.4	36.9	(5.5)
6				
7	In-Progress Expenditures Total	45.8	24.3	21.5
8				
9	Total	77.2	61.2	16.0

III. STANDARD OF REASONABLENESS REVIEW OF SDG&E'S 2015 SONGS COSTS (S. GARCIA)

A. Reasonableness Standard of Review

SDG&E respectfully requests that the Commission continue to apply its "reasonable manager standard" when completing its SONGS 2&3 decommissioning reasonableness reviews.

This amount includes costs incurred for both distributed projects completed in 2014 and 2015, but that were not billed to (and recorded by) SDG&E until 2015.

The Commission's reasonable manager standard reviews a utility's actions based upon what the utility knew or should have known at the time the utility takes the action, not just the ultimate results or costs based on hindsight. The review standard also expressly provides that a utility's actions "may be found to be reasonable and prudent if the utility shows that its decision making process was sound..., even if it turns out not to have led to the best possible outcome." The Commission's reasonable manager standard does not hold the utilities to unachievable perfect hindsight. It is therefore appropriate for the Commission to determine that SONGS 2&3 decommissioning activities and expenses are reasonable based on the information provided by SCE and SDG&E in support of this Application.

B. In 2015, SDG&E Held an Oversight Position at SONGS

The San Onofre Nuclear Generating Station ("SONGS") is licensed under the Nuclear Regulatory Commission ("NRC") as three units. SDG&E has a 20% minority ownership stake in each of the three nuclear units and, as such, is contractually obligated to pay its 20% ownership share of all costs including decommissioning costs.⁵ As recognized by the NRC, SCE is the licensee as well as the operating agent. In 2015, SCE was the decommissioning agent. Throughout most of 2015, the SONGS Co-Participants were governed by the 2015 SONGS Decommissioning Agreement.⁶

As a minority owner, SDG&E has a fiscal responsibility to fund operations and decommissioning at SONGS. In 2015, as a minority owner, SDG&E also had an oversight role at SONGS (as it still does today). In 2015, SDG&E fulfilled its oversight obligations and fiscal management roles in several different ways, as summarized in Ex. SDGE-02 by SDG&E witness Sue Garcia. For example, in 2015 SCE was the decommissioning agent, which means that it was

D.05-08-037, at 10-11 (emphasis added).

SCE holds an approximately 75.74% interest, SDG&E holds a 20% interest, the City of Anaheim holds an approximately 2.47% interest, and the City of Riverside holds a 1.79% interest in SONGS 2&3 decommissioning liability.

In April 2015, SDG&E executed a decommissioning agreement ("Decommissioning Agreement") with the other three co-participants that governs SDG&E co-owner participation. The Decommissioning Agreement governs the decommissioning of all three units. The Decommissioning Agreement establishes a decommissioning agent, participant funding responsibilities and participant involvement in the governance of the decommissioning agent. Pursuant to the Decommissioning Agreement, Executive, Budget, Fiscal, and Legal committees were established. The Budget and Executive committees approve major monetary commitments. In addition, an independent nuclear expert (*i.e.* Decommissioning Advisor) assists the Executive Committee on an as-needed basis.

making decisions about decommissioning activities at SONGS, and often performing those activities itself. To ensure that it stayed informed of the decommissioning activities at SONGS, SDG&E stationed a dedicated employee at the plant to follow major activities at the site and to report to SDG&E management plant status relative to budget. SDG&E also reviewed annual budgets as well as budgets for specific decommissioning projects and then tracked progress monthly. SDG&E also sought confirmation from its retained nuclear expert, Mr. Levin, that SCE's activities or plans for SONGS comported with industry practices.

C. The Commission Should Consider SDG&E's Unique Oversight Role at SONGS When Conducting its Reasonableness Review of SDG&E's Costs

As the Commission commences reviewing SONGS 2&3 decommissioning expenses, it will be important for the Commission to adopt an articulable framework for completing predictable reasonableness reviews. SDG&E respectfully recommends that the Commission keep SDG&E's unique oversight and fiscal management role as of 2015 in mind when it determines the reasonableness of SDG&E's 2015 decommissioning costs.⁷

IV. SDG&E'S REVIEW OF ITS 2015 RECORDED COSTS BILLED BY SCE (S. GARCIA)

In this instant filing, SDG&E reports \$58.6 million (SDG&E share, 2014\$) total Units 2&3 decommissioning 2015 expenditures billed by SCE for its SONGS obligation, \$34.3 million (2014\$) of which are for costs billed by SCE for completed distributed projects and undistributed costs in 2015. It also reports incurred costs of \$24.3 million (2014\$) in 2015 for distributed projects that are still in-progress. The Table 2 presents these 2015 costs billed by SCE at a summary level.

⁷ SDG&E's oversight and fiscal management roles and processes are described in detail in Ex. SDGE-02.

Table 2 Summary of 2015 SDG&E Costs Billed by SCE (2014\$ Constant Dollars in Millions, 20% Level)

	Category	DCE	Recorded	Variance
1	Distributed Costs for Projects Completed in	0.0	0.0	0.0
	2014 but billed to SDG&E in 2015			
2	Distributed Costs for Projects Completed in	0.5	10.6	(10.1)
	2015 and billed to SDG&E in 2015			
3	Undistributed Costs billed to SDG&E in 2015	29.0	23.7	5.3
5	Review Period Expenditures Total	29.5	34.3	(4.8)
6				
7	In-Progress Expenditures Total	45.8	24.3	21.5
8				
9	Total Billed by SCE in 2015	75.3	58.6	16.7

SDG&E seeks a Commission finding that the \$34.3 million SDG&E incurred in 2015 for completed distributed projects and undistributed is reasonable. As described below, in its oversight role, SDG&E conducted its own review of these costs and underlying activities through its staff at SONGS, as well as through its accounting departments. SDG&E also reviewed the 2015 costs against the 2014 DCE. SDG&E has concluded that the completed distributed and undistributed costs it recorded in 2015 were reasonable and appropriate. Therefore, SDG&E respectfully requests the Commission to find its recorded costs for completed distributed projects and undistributed costs as reasonable.

A. SDG&E's On Site and Accounting Review of 2015 Activities and Underlying Costs

In 2015, SDG&E participated in meetings with SCE regarding completed and on-going decommissioning activities. Based upon SDG&E's on-site representation, SDG&E concurs that these efforts were appropriate and necessary. To understand the activities occurring at the plant, SDG&E employees attended daily plant meetings, weekly project status meetings, monthly project update meetings, and monthly SONGS Co-Participants Executive and Budget meetings. SDG&E understands the issues and concurs that SCE has taken the appropriate actions necessary to decommission Units 2&3.

SDG&E also conducted an accounting review of the costs presented by SCE in support of this Joint Application. SCE witness Bosch presents costs for completed distributed projects and

undistributed categories for the 2013 through 2015 years at the 100% level.⁸ Utilizing the accounting categories established in 2015, SDG&E was able to aggregate 2015 invoiced costs to the same categories presented by Mr. Bosch. Due to the billing time lag for some completed projects, SDG&E's recorded costs include both 2014 and 2015 completed projects.

Attachment A, which is for projects completed in 2014 but billed to SDG&E in 2015, shows the costs by line item, and compares the DCE for that line item to SDG&E's accounting of costs based upon the back-up it receives from SCE to support monthly invoices. Although Attachment A's total amount is less than \$0.1 million, SDG&E views it appropriate to include these costs in the 2015 reasonableness review as they were recorded by SDG&E in 2015.

Attachment B, which is for projects completed in 2015 and undistributed costs billed to SDG&E in 2015, shows the costs by line item, and compares the DCE for that line item to SDG&E's accounting of costs based upon the back-up it receives from SCE to support monthly invoices.

Attachments A and B are summarized in Table 3, which shows SDG&E aggregated 2015 recorded costs for completed projects. Table 4 shows SDG&E aggregated 2015 recorded undistributed costs (which appear in detail in Attachment B).

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⁸ Ex. SCE-08 at Sections VI and VII.

Table 3
Comparison of SDG&E 2015 Recorded Costs for Completed Projects to the DCE (20% level, 2014\$ in millions)

	Category	DCE	Recorded	Variance
1	Distributed Costs for Projects Completed in			
	2014 but billed to SDG&E in 2015			
2	Regulatory Submittals	0.0	0.0	0.0
3	Subtotal	0.0	0.0	0.0
4				
5	Distributed Costs for Projects Completed in			
	2015 and billed to SDG&E in 2015			
6	Nuclear Fuel Contract Cancellation	0.0	7.6	(7.6)
7	Legacy Radwaste Disposal	0.0	1.4	(1.4)
8	Security Programs – Security Shutdown Strategy	0.0	0.1	(0.1)
9	Regulatory Submittals	0.5	0.2	0.3
10	Historical Site Assessment/Site Characterization	0.0	1.1	(1.1)
11	Transition Project Modifications	0.0	0.2	(0.2)
12	Subtotal	0.5	10.6	(10.1)
13				
14	Total Distributed Completed Projects	0.5	10.6	(10.1)

Table 4 Comparison of SDG&E 2015 Recorded Undistributed Costs to the DCE (20% level, 2014\$ in millions)

	Category	DCE	Recorded	Variance
1	Undistributed			
2	Labor-Staffing			
3	Utility Staff	11.6	11.0	0.6
4	Security Force	5.5	4.5	1.0
5	Subtotal	17.1	15.5	1.6
6				
7	Decommissioning General Contractor Staff	2.3	0.0	2.3
8				
9	Non-Labor			
10	Fees, Permits, and Leases	2.6	0.6	2.0
11	Plant Operations	2.0	3.6	(1.6)
12	Other Non-Labor Costs	5.0	4.0	1.0
13	Subtotal	9.6	8.2	1.4
14				
15	Total Undistributed Costs	29.0	23.7	5.3

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B. SDG&E's Recorded 2015 Costs Billed by SCE are Reasonable when Compared to the DCE

SDG&E's recorded 2015 costs billed by SCE are reasonable when compared to the DCE. In A.16-03-004, SCE witness Mr. Lou Bosch offers testimony that provides this comparison at the 100% cost level for which SDG&E's obligation is 20%. Table 5 below provides a summary comparing the costs billed to SDG&E to the DCE.

Table 5
Summary Comparison of 2015 Review Period Expenditure Total to the DCE (20% level, \$2014 in millions)

	Category	DCE	Recorded	Variance
1	Distributed Projects			
2	License Termination	0.5	2.9	(2.4)
3	Spent Fuel Management	0.0	0.1	(0.1)
4	Site Restoration	0.0	7.6	(7.6)
5	Subtotal	0.5	10.6	(10.1)
6				
7	Undistributed Costs			
8	License Termination	14.3	11.6	2.7
9	Spent Fuel Management	11.7	10.1	1.6
10	Site Restoration	3.0	2.0	1.0
11	Subtotal	29.0	23.7	5.3
12				
13	Total	29.5	34.3	(4.8)

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Mr. Bosch identified that the primary variances to the DCE for completed distributed projects were higher nuclear fuel contract cancellation expenses and lower legacy radwaste disposal than estimated. Mr. Bosch identified that the primary variances to the DCE for undistributed costs were lower utility and security staff costs and higher plant operations contracted services than estimated. SDG&E has reviewed Ex. SCE-08 and agrees with SCE's conclusions.

In addition, as SDG&E receives SCE's monthly invoices, it compares the actual costs to the annual budget as well as to the DCE. SDG&E's 2015 recorded decommissioning costs Advice Letter 2904-E contained a detail comparison of the actual costs to the DCE and reconciled the costs to SCE's similar Advice Letter filing for 2015 recorded decommissioning costs.

⁹ Ex. SCE-08 at Section V.

SDG&E concurs that SCE's SONGS Units 2&3 activities during 2015 were appropriate and necessary and that the variances with the 2014 DCE are understandable.

V. REASONABLENESS REVIEW OF 2015 DECOMMISSIONING ACTIVITIES AT SONGS (A. LEVIN)

During 2015, SDG&E recorded a total of \$10.6 million (SDG&E share, 2014\$) for completed distributed costs and \$23.7 million (SDG&E share, 2014\$) for undistributed costs billed by SCE for SONGS 2&3 decommissioning. SDG&E is asking the Commission to find these costs, as well as the activities underlying the costs, reasonable.

In addition to the review that SDG&E itself did of the distributed and undistributed costs billed by SCE in 2015, described above in Section IV, SDG&E also retained me as a decommissioning industry expert to conduct a review of the reasonableness of the underlying 2015 activities. Part of my role is to continually review and provide my expert opinion on the reasonableness of decommissioning activities undertaken at SONGS in the context of the broader nuclear decommissioning industry. The purpose of my testimony here is to provide my expert opinion regarding the decommissioning activities undertaken at SONGS during the period January 1, 2015, and December 31, 2015, and whether they were reasonable in light of nuclear decommissioning industry best practices.

During my nearly 40-year career in the commercial nuclear industry, I have participated in 12 major decommissioning projects. ¹¹ I have performed or participated in radiological characterizations of reactor pressure vessels and internals, historical site assessments, design and installation of dry cask storage technology, development of radiological release standards, selection of and contract negotiations with decommissioning operations contractors, and general oversight of decommissioning projects. While at Exelon Generation Company ("EGC"), my responsibilities included the safe management of 12,600 metric tonnes of spent nuclear fuel, the

I have previously provided written and oral testimony to the Commission regarding nuclear decommissioning. *See* A.14-12-007; A.15-01-014/15-02-006 (currently pending).

Specifically, Cintichem, Inc., Saxton Nuclear Power Plant, Trojan Nuclear Plant, Big Rock Point Plant, Dresden Nuclear Power Station Unit 1, Pathfinder Generating Plant, Shippingport Atomic Power Station, Rancho Seco Nuclear Generating Station, Crystal River Unit 3, Zion Nuclear Power Station, Vermont Yankee Nuclear Power Plant and San Onofre Nuclear Generating Station.

implementation and oversight of dry cask storage for spent nuclear fuel at eight sites, ¹² the development of strategic initiatives to meet EGC's long-term decommissioning and spent fuel management needs, and oversight of decommissioning cost estimates and EGC's \$12 billion decommissioning liability. ¹³

The decommissioning of SONGS Units 2&3 continues to proceed in a manner I would expect based upon my prior and current industry experience. As discussed in further detail below, I find the activities performed at SONGS 2&3 in 2015 are reasonable in my professional opinion, and also when compared to the conduct of operations at similar, contemporary industry decommissioning projects.

A. Benchmarking 2015 Decommissioning Activities at SONGS Against Recent Industry Decommissioning Projects

SCE has chosen to immediately dismantle and decontaminate the SONGS site. This approach to decommissioning is known as "DECON." The decommissioning process at SONGS began in 2013. The activities commenced or continued in 2015 at SONGS 2&3 are those typically expected early in the nuclear plant decommissioning process. Based upon the information I have reviewed, it is my opinion that SCE continues to execute DECON decommissioning activities appropriately and in concert with best industry practices. As discussed in detail below, based upon my observations and experience, I agree with the choice of work that has been completed at this stage of the project. I believe the 2015 decommissioning activities at SONGS 2&3 represent what I would expect based upon my prior and current industry experience. I have recently personally observed similar approaches at other plants transitioning into and performing early stages of their decommissioning projects. It is my understanding that SCE personnel selected these activities through industry benchmarking as being the best practices with respect to occupational and public health and safety, and minimizing total project cost.

Peach Bottom Atomic Power Station, Limerick Generating Station, Oyster Creek Nuclear Generating Station, Byron Station, Braidwood Station, LaSalle County Station, Quad Cities Nuclear Power Station and Dresden Nuclear Power Station.

In addition, in my roles as Technical Advisor for TLG Services, Inc. (decommissioning cost estimators) and Director, Spent Fuel and Decommissioning, for EGC, I had the opportunity to develop and review decommissioning cost estimates for more than 40 nuclear units. During my tenure at EGC, EGC owned and operated 17 operating and four retired nuclear units.

To benchmark the 2015 SONGS decommissioning activities for SONGS 2&3, I made comparisons to contemporary activities underway at other recently retired commercial nuclear plants in the U.S., specifically, Kewaunee Power Station ("Kewaunee"), Crystal River Unit 3 Nuclear Generating Plant ("CR3"), Vermont Yankee Nuclear Power Station ("VY"), and Zion Nuclear Power Station ("Zion"). Kewaunee and CR3 were retired in 2013, and VY was retired in 2014. Zion was retired in 1998, and after a short period of safe storage, moved into active decommissioning in 2010.

Of the five (including SONGS) recently-retired nuclear plants, SONGS and Zion are executing the DECON immediate dismantlement decommissioning scenario (with Zion waiting 12 years to start). Kewaunee, CR3 and VY have all chosen to enter a SAFSTOR¹⁴ decommissioning scenario. In late 2016, Entergy Nuclear Vermont Yankee, LLC ("ENVY"), the current licensee at VY, announced its intent to sell VY to NorthStar Group Services, Inc. ("NorthStar"). NorthStar intends to move VY from SAFSTOR to DECON, and begin major decommissioning activities in late 2018 after ENVY moves all spent nuclear fuel into dry storage on site. The transaction requires approval by NRC and until that time, VY will remain in SAFSTOR.

Although Kewaunee, CR3 and VY have chosen to enter SAFSTOR, all three have begun certain major decommissioning activities similar to those in flight at SONGS, and already completed at Zion. ¹⁵ For commercial nuclear plant decommissioning, both DECON and SAFSTOR decommissioning have analogous initial activities that must be performed. These activities include filing all required regulatory documents and studies, moving plant systems, structures and components into "Cold and Dark" configurations, isolating the spent fuel pool

The SAFSTOR decommissioning scenario is defined by the NRC as having placed the facility "in a safe, stable condition and maintained in that state (safe storage). The facility is decontaminated and dismantled at the end of the storage period to levels that permit license termination." NRC, Regulatory Guide 1.202: STANDARD FORMAT AND CONTENT OF DECOMMISSIONING COST ESTIMATES FOR NUCLEAR POWER REACTORS, February 2005, at 3.

Since September 2010, decommissioning at Zion Station has made enormous progress. By the end of 2016, all spent nuclear fuel will have been placed into dry cask storage, and all major components – including the reactor vessels, their internals, the steam generators, the pressurizer and the reactor coolant pumps – will have been removed and disposed of. The work remaining at Zion is disposal of the balance of the plant systems and buildings, followed by license termination and site restoration – possibly as early as 2018.

from the original plant cooling and filtration systems, obtaining a site historical assessment, and moving spent fuel into dry storage.

It is my opinion the activities that have been performed at SONGS 2&3 in 2015 should be performed early in decommissioning, and are the most cost-effective way to manage decommissioning trust fund assets.

B. Review of Specific SONGS Units 2&3 Decommissioning Activities Undertaken in 2015

During 2015, SCE performed several activities scheduled in the 2014 SONGS Units 2&3 DCE's DECON Periods 1 & 2, Spent Nuclear Fuel Period 2 ("SNF Period 2") and Site Restoration Period 1 ("SR Period 1"). DECON Period 1 is described in the 2014 DCE as "Transition to Decommissioning" and DECON Period 2 is described as "Decommissioning Planning and Site Modifications." SNF Period 2 is described in the 2014 DCE as "Spent Fuel Transfer to Dry Storage." SR Period 1 is described in the 2014 DCE as "Transition to Site Restoration." These activities during these periods reflect the work I would reasonably expect to be performed at this early stage in the decommissioning process.

C. Decommissioning Activities Completed During 2014 and 2015 and Recorded by SDG&E in 2015 (Distributed)

I have reviewed and found all of the projects listed below to be reasonable for SCE to be undertaking (and completing) at the DECON Periods 1 & 2, SNF Period 2 and SR Period 1. These activities have been performed at the other shutdown sites and are reasonably incurred in the course of decommissioning a nuclear power plant.

1. Regulatory Submittals (DECON Period 2)¹⁸

SCE submitted several documents required by the NRC during 2014.¹⁹ These regulatory filings required ongoing SCE support until NRC accepted and/or approved them in 2015. Once

¹⁶ Further details regarding activities performed at SONGS in 2015 may be found in Ex. SCE-08.

The DCE was submitted to the Commission in a separate SONGS application proceeding, A.14-12-007 in the testimony of SCE at Ex. SCE-01at Appendix A-1. Martin, J.J., *et. al.*, "2014 Decommissioning Cost Analysis of the San Onofre Nuclear Generating Station Units 2 & 3," Document No. 164001-DCE-001, July 31, 2014, page 32 of 37.

¹⁸ Ex. SCE-09 at 49-50.

Mr. Levin's review of the regulatory submittals to the NRC by SCE in 2014, which were also billed to and recorded by SDG&E in 2014, is provided in Ex. SDGE-02 in A.15-01-014/A.15-02-006.

- filed with the NRC, these submittals encounter questions from the regulator, which are called requests for additional information ("RAIs") or requests for supplemental information (RSIs). These questions require additional formal responses. Typically, at least one round (and sometimes three or more rounds) of RAIs or RSIs are issued by NRC, which explains why these submissions normally take between six and 18 months to be approved by NRC. The regulatory submittals file by SCE in 2014 included:
 - a. Permanently Defueled Technical Specifications
 - b. Emergency Plan

- c. Decommissioning Cost Estimate
- d. Post-Shutdown Decommissioning Activities Report (PSDAR)
- e. Post-Shutdown Security Plan
- f. Post-Shutdown Quality Assurance Plan
- g. Irradiated Fuel Management Plan

Similar NRC regulatory submissions were made by Zion in the 2010 through 2012 timeframe, shortly after Zion*Solutions* acquired the plant (in September 2010) and began DECON decommissioning. VY made these submissions shortly after its shutdown in December 2014, even though its plans at that time were to move into SAFSTOR decommissioning. Kewaunee and CR3 made the same submissions in a similar timeframe, shortly after shutdown.

Based on information from SCE, it is my understanding that all of the regulatory submittals were accepted and/or approved by the NRC. Therefore, based upon similar activities in a similar timeframe at other recently retired nuclear plants, and NRC's acceptance of these submissions, I believe these activities were reasonable.

1. <u>Nuclear Fuel Contract Cancellation (SR Period 1)</u>²⁰ – cancellation of uranium procurement, enrichment and fuel fabrication of new fuel assemblies for fuel cycles beyond the closure date.

Services for the procurement, enrichment and fuel fabrication of new fuel assemblies have long lead times associated with them. SCE's decision to retire SONGS Units 2&3 early did not allow the opportunity to terminate these contracts without financial risk. Zion and CR3 also retired prematurely, and both sites had fresh nuclear fuel in the spent fuel pool awaiting insertion into the reactor core at the next refueling outage. Shortly after shutdown (Zion in 1998 and CR3

The reasonableness of the nuclear fuel contract cancellation costs that SDG&E recorded in 2015 is the subject of Ex. SDGE-07. See Ex. SCE-09 at 46.

in 2013), both plant owners moved quickly to sell their new fuel on site and cancel all nuclear fuel related contracts.

Therefore, in my professional opinion, it was reasonable for SCE to attempt to cancel the nuclear fuel contracts to mitigate costs associated with unneeded services.

2. <u>Legacy Radwaste Disposal (DECON Periods 1 and 2)</u> – disposition of any Low Level Radioactive Waste (LLRW) created during the operating lifetime of the units. 21

The transition-to-decommissioning activities completed in 2015 include Legacy Radwaste Disposal. Legacy radwaste disposal is an activity which has been typically performed early in the decommissioning process at other decommissioning sites. For example, CR3's aggressive disposal of legacy radwaste included retired steam generators, a reactor vessel closure head and hot leg piping. While the scope of such a project is subject to site conditions and other considerations, it is characteristic for decommissioning sites to perform at least some level of legacy radwaste disposal. This activity is considered a reasonable task in the decommissioning process.

3. <u>Security Program Shutdown Strategy</u> – modifications required to the physical security and cyber security programs reflecting the shutdown condition of the plant.²²

NRC allows licensees to make changes – without prior NRC approval – to the physical and cyber security programs if the changes do not decrease the effectiveness of a physical security plan, security force training and qualification plan, or safeguards contingency plan. SCE submitted the site security changes to NRC in 2014.

With nuclear fuel no longer in the reactor and certain plant systems considered "safety-related" no longer requiring physical protection, the security strategy changes at a retired plant site. The updated plans also allow for removal of temporary physical facilities. However, they also require physical modifications (such as vehicle barriers) to remain on site to provide effective security, but allows them to be moved such that the footprint of the protected area may

²¹ Ex. SCE-09 at 44-46.

²² *Id.* at 49-50.

be reduced. In 2015, the NRC determined the changes made at SONGS to the physical protection plans supported security staff reductions.

Overall, implementing these security changes lowers annual operation and maintenance costs at a retired plant site. Zion, VY, CR3 and Kewaunee have all taken advantage of the NRC-allowable security plan changes to help reduce expenses. As with other retired plants, this activity for SONGS is considered a reasonable activity.

4. <u>Historical Site Assessment and Site Characterization (DECON Period 2 and SR Period 4)</u> – a study to assess and document radiological and hazardous material contamination and spills which occurred during the operating lifetime, and to demonstrate areas of the site assumed to be unaffected by operations, remain uncontaminated.²³

The Historical Site Assessment ("HSA") is required to obtain the data necessary for SCE to demonstrate compliance now and in the future, with NRC site release criteria. For Zion, CR3 and VY, the HSA was commissioned within the first year after shutdown (at VY, work on the HSA began prior to shutdown). These sites recognized the necessity of and benefits to be derived from performing a HSA, and performing it while personnel familiar with the operating history of the site are readily accessible. SCE has opted to do this activity for SONGS close to the plant's retirement. I consider this to be a reasonable activity.

5. Special Purpose Vehicle ("SPV") Feasibility Study (DECON Period 1) – SCE commissioned a study by PricewaterhouseCoopers to determine the feasibility of creating a Successor Decommissioning Agent to oversee the decommissioning activities at SONGS. The study concluded there were more disadvantages to creating the SPV than there were advantages. This study was not identified in the 2014 DCE. However, this activity was considered a transition activity and accounted for in DECON Period 1.²⁴

The SPV study is an activity unique to SONGS. However, I find that the merit of performing such a study is reasonable. While the study itself was unique among contemporary decommissioning sites, many other nuclear sites that either are already decommissioning (like

²³ *Id.* at 46-47.

²⁴ SCE-08. at 37-39.

Zion), or have recently announced their impending closures (like Entergy's Vermont Yankee, Pilgrim and Palisades plants) have explored alternative decommissioning structures. None of the other contemporary decommissioning sites has multiple owners and therefore did not face the same issues as SONGS. The SPV study help SONGS identify the best oversight structure for the project, potentially mitigating delays in project performance as the multiple owners debated decommissioning concerns.

D. Support and Overhead Activities During 2015 (Undistributed)²⁵

I have also reviewed the Support and Overhead (Undistributed) activities that occurred at SONGS 2&3 in 2015.

- 1. <u>Staffing</u> the SONGS utility staff and security force.
- **Yees, Permits and Leases** various recurring and unavoidable fees and other payments required to meet various regulatory, operational, permitting and contractual requirements.
- **Plant Operations** supplies and services required to maintain the physical facilities including contracted services, health physics supplies, spent fuel maintenance, security-related expenses, certain low-level radioactive waste disposal, tools and equipment, and decommissioning advisory services.
- **4.** Other Non-Labor information technology, legal, energy, severance, property taxes, the Community Engagement Panel, insurances and utilities.

These activities generally represent those necessary to maintain a NRC-licensed nuclear power plant, to meet all NRC license conditions, and to meet locally-imposed requirements of plant ownership. Additionally, external support in the form of legal, consulting and other expertise is necessary to develop effective plans for decommissioning. I find all of the Undistributed activities to be similar to those occurring at other decommissioning nuclear plants, and thus reasonable at SONGS.

²⁵ SCE-09 at Section VII.

E. Decommissioning Activities in Progress During 2015

There were several activities in progress during 2015.²⁶ As SCE intends to request a reasonableness review when these activities are completed, no further evaluation of the reasonableness of these activities will be addressed here.

VI. SDG&E-ONLY COSTS INCURRED IN 2015 ARE REASONABLE (S. GARCIA)

In 2015, SDG&E incurred SDG&E-only costs of \$2.6 million (2014\$) specifically related to decommissioning SONGS Units 2&3. SDG&E was responsible for and paid 100% of these costs and they were not billed to SDG&E by SCE nor were they shared by SCE.

These costs are organized into two high-level categories: labor and non-labor. Labor refers to SDG&E internal labor. Non-labor has several components including consulting, outside legal, property taxes, and other "non-labor" expenses. Shown below in Table 6 are SDG&E's actual internal costs for 2015, in 2014\$, compared to the DCE estimate, in 2014\$, of SDG&E's internal costs.

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The in-progress projects included, but were not limited to:

^{1.} ISFSI – Dry Cask Storage

^{2. &}quot;Cold and Dark"

^{3.} Selection of a Decommissioning General Contractor

^{4.} Security Program Modifications

^{5.} Mesa Remediation

^{6.} Historical Site Assessment / Characterization

^{7.} Regulatory Submittal Support

^{8.} Transition Modifications

Table 6 Comparison of SDG&E 2015 Recorded SDG&E Only Costs to the DCE (100% SDG&E Share, 2014\$ in millions)

	Category	DCE ²⁷	Recorded ²⁸	Variance
1	Labor ²⁹	0.9	0.7	0.2
8				
9	Non-Labor			
10	Consultant and Outside Legal	0.7	0.3	0.4
11	Property Tax	0.4	1.6	(1.2)
12	Other Non-Labor Costs ³⁰	0.0	0.0	0.0
13	Non-Labor Subtotal	1.1	1.9	(0.8)
14				
15	Total SDG&E Only Costs	1.9	2.6	(0.6)

SDG&E respectfully requests that the Commission find that SDG&E's total for SDG&E-only SONGS decommissioning costs of \$2.6 million (2014\$) for 2015 is reasonable.

A. SDG&E Labor Costs

In 2015, SDG&E incurred labor costs of \$0.7 million (2014\$) for its role in overseeing activities at the plant and reviewing the costs. SDG&E had three employees, a manager (who worked on SONGS issues on a part-time basis), an on-site representative and a budget analyst dedicated to working on decommissioning and oversight activities related to SONGS. In order to provide additional fiscal oversight, two additional personnel, a budget analyst and project manager, were added to SDG&E's SONGS team toward the end of 2015.

Many of SDG&E's labor oversight efforts during decommissioning were very similar to its efforts during operations. For example, SDG&E continued to retain a site representative at the SONGS worksite to review day-to-day decommissioning activities and progress, and provide contact and interaction with SONGS decommissioning management and personnel. The on-site employee served on the SONGS Budget Committee in 2015. The manager attended many

These estimates include pensions and benefits, other labor loaders and purchasing overheads.

These numbers include pensions and benefits, other labor loaders and purchasing overheads.

These labor costs also include internal labor loaders, such as pension and benefits, performance incentives, payroll taxes, worker's compensation, vacation, sick and paid leave.

Examples of "Other Non-Labor Costs" are employee expenses and lease payments.

executive level meetings at SONGS and served as an alternate on the SONGS Executive Committee in 2015.

SDG&E continues to retain a budget analyst³¹ to review invoices and track expenditures against SCE-internal budgets and the DCE estimates. In 2015, SDG&E received invoices for decommissioning work such as the "Cold and Dark" project and conducting analysis of costs related to the ISFSI expansion. These projects not only require a review, approval, and audit process, but also require analysis of the cost compared to the DCE estimates, analysis and understanding of the change order processes and potential costs, and analysis of potential impacts to other projects or decommissioning work. In late 2015, SDG&E added another financial analysis position to support this additional analytical effort. Also in late 2015, SDG&E also added a project manager to assist with additional oversight and project management work related to the Decommissioning General Contractor ("DGC") selection and regulatory filings.

Specific project work undertaken at SONGS in 2015 that SDG&E monitored included: budget variance review and reporting, work related to business governance of SDG&E's 20% ownership stake in SONGS, continued decommissioning planning activities, coordination and oversight of the California Environmental Quality Act ("CEQA") and National Environmental Protection Act ("NEPA") requirements and filings, DGC selection process criteria, work on the ISFSI expansion project, temporary power ring, and other project work related to the "Cold and Dark" initiative. These activities were in addition to other work that SDG&E manages including, but not limited to, regulatory and legal reporting requirements, ad hoc analysis of various proposals, and coordination with outside legal and nuclear experts as needed.

As shown in Table 6 above, SDG&E-only internal labor costs in 2015 were lower than what was forecasted in the 2014 DCE. The 2014 DCE forecasted three employees for SDG&E internal costs in 2014 and it was created in mid-2014. SDG&E used fewer internal labor resources than was originally forecasted in the DCE. Therefore, actual labor expense, which includes salaries and applicable overheads, ³² was lower than the DCE estimate.

The SDG&E budget analyst also served on the SONGS Budget Committee.

Labor costs also include internal labor overheads such as pension and benefits, performance incentives, payroll taxes, worker's compensation, vacation, sick and paid leave.

B. SDG&E Non-Labor Costs

In 2015, SDG&E incurred non-labor of \$1.9 million (2014\$) for decommissioning and oversight activities.

1. Consultant and Outside Legal Counsel

To supplement its decommissioning oversight, SDG&E retained a nuclear decommissioning consultant (Mr. Levin) to provide an independent assessment of SCE's decommissioning activities. SDG&E incurred \$0.1 million (2014\$) of costs related to Mr. Levin's consulting services. Because of Mr. Levin's extensive industry knowledge and previous experience with decommissioning, SDG&E believes it is appropriate to use Mr. Levin's services. SDG&E retained outside legal counsel to provide legal advice and counsel during the drafting of the SONGS Decommissioning Agreement and on other decommissioning issues. SDG&E incurred a total of \$0.2 million (2014\$) in costs associated with outside counsel legal expenses.

The actual non-labor costs for consultants and outside legal compared to the 2014 DCE forecasted non-labor cost for consultants and outside legal was lower by \$0.4 million (2014\$); the variance is due to lower costs for these services than anticipated.

2. Property Taxes

SDG&E paid property taxes related to SONGS of \$1.6 million (2014\$) in 2015. SDG&E property taxes related to its ownership in SONGS are assessed by the California State Board of Equalization and allocated to the various counties where SDG&E property is located. The variance of \$1.2 million (2014\$) between the actual amounts paid and the 2014 DCE estimate is the result of SDG&E anticipating a reduction in the assessment of the SONGS property when SONGS changed from an operating plant to a decommissioning plant site. However, the property was not reassessed as low as anticipated by SCE and SDG&E during the DCE drafted process.

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11	<u>ATTACHMENT A</u>
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13	Distributed Costs for Projects Completed in 2014 but Billed to SDG&E in 2015
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ATTACHMENT A

Distributed Costs for Projects Completed in 2014 but Billed to SDG&E in 2015

			San Diego Gas & Electric						
			2015 NDCTP - SONGS Units 2 & 3 Cost Reasonableness						
			Comparison of Review Period Expenditure Total to the DCE						
			(SDGE 20% Share, 2014\$ in millions)						
					[A]	[8	B]	[C=	A - B]
	DCE No.	Category	Description		DCE	Reco	rded	Var	riance
1	LT-2-D-2.01	Regulatory Compliance	Develop Certified Fuel Handler Program	\$	0.0	\$	-	\$	0.0
2	SNF-2-D-8.07	ISFSI	ISFSI Pad Study	\$	-	\$	-	\$	-
3	SNF-1-D-7.03	Regulatory Compliance	Post Fukushima Modifications - U2	\$	-	\$	-	\$	-
4	SNF-2-D-FLEX	Regulatory Compliance	Flex Initiative	\$	-	\$	-	\$	-
5	SNF-2-D-8.02	Regulatory Compliance	Decay Heat Analysis	\$	-	\$	-	\$	-
6	SNF-2-D-8.03	Regulatory Compliance	Zirconium Fire/ Shine Analysis	\$	-	\$	-	\$	
+	2015 Recorded Costs	for Distributed Projects Completed in	2014 but Billed to SDG&E in 2015	Ś	0.0	Ś	-	Ś	0.0
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						Ė	
(i) D	istributed costs include	projects that were completed in 2014	, but billed to SDG&E in 2015 and 2015 DCE costs associated with the projects.						
	otals may not reconcile	• •							
(iii) A	mounts with "\$0.0" or "	\$(0.0)" indicate that costs are included	in the category but are \$0 when rounded to the nearest hundred thousand. "\$ -" indi	cates that no	costs are	include	d in the	rategor	2,

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ATTACHMENT B

Distributed Costs for Projects Completed in 2015 and Undistributed Costs Billed to SDG&E in 2015

ATTACHMENT B

Distributed Costs for Projects Completed in 2015 and Undistributed Costs Billed to SDG&E in 2015

			San Diego Gas & Electric						
			2015 NDCTP - SONGS Units 2 & 3 Cost Reasonableness						
		Со	mparison of Review Period Expenditure Total to the DCE (SDGE 20% Share, 2014\$ in millions)						
			(SDGE 20% Snare, 2014\$ in millions)						
					[A]		[B]	ıc	= A -
	DCE No.	Category	Description		DCE		corded		rianc
1	SR-1-D-14.04	Project Governance and Admin	Fuel Cancellation Expense	\$	-	\$	7.6	\$	(7
2		Nuclear Fuel Cancellation Subtotal	·	\$	-	\$	7.6	\$	(7
3									
4	LT-1-D-1.05	Legacy Radwaste Disposal	Disposition of Legacy Waste	\$	-	\$	-	\$	-
5	LT-2-D-2.16	Legacy Radwaste Disposal	Disposition of Legacy Wastes	\$	-	\$	1.4	\$	(1
6		Legacy Radwaste Disposal Subtotal		\$	-	\$	1.4	\$	(1
7									
8	SNF-1-D-7.01	Transition Modifications	Security Shutdown Strategy	\$	-	\$	-	\$	-
9	SNF-2-D-8.01	Transition Modifications	Security Shutdown Strategy	\$	-	\$	0.1	\$	(0
10		Security Programs - Security Shutdown Strategy	Subtotal	\$	-	\$	0.1	\$	(0
11								-	
12	LT-2-D-2.09	Regulatory Compliance	Prepare Post-Shutdown Emergency Preparedness Plan	\$	0.0	\$	0.1	\$	(0
13	LT-2-D-2.10	Regulatory Compliance	Post-Shutdown Emergency Preparedness Plan, NRC Review	\$	0.0	\$	-	\$	0
14	LT-2-D-2.11	Regulatory Compliance	Prepare Post-Shutdown Decommissioning Activities Report (PSDAR)	\$	-	\$	-	\$	-
15	LT-2-D-2.12	Regulatory Compliance	Post-Shutdown Decommissioning Activities Report (PSDAR) - NRC Review	\$	-	\$	0.1	\$	(0
16	LT-2-D-2.13	Regulatory Compliance	Respond to NRC Questions on PSDAR	\$	0.0	\$	-	\$	-
17 18	LT-2-D-2.14 LT-2-D-2.15	Regulatory Compliance	Prepare Decommissioning Cost Estimate (DCE) Decommissioning Cost Estimate (DCE) - NRC Review	\$	-	\$	-	\$	-
19	LT-2-D-2.15 LT-2-D-2.02	Regulatory Compliance		\$	0.0	\$	-	\$	0
20	LT-2-D-2.02 LT-2-D-2.03	Regulatory Compliance Regulatory Compliance	Prepare Post-Shutdown QA Plan Prepare Post-Shutdown Security Plan	\$	0.0	\$	-	\$	0
21	LT-2-D-2.03	Regulatory Compliance	Prepare Post-Shutdown Fire Protection Plan	\$	0.0	\$	-	\$	0.
22	LT-2-D-2.05	Regulatory Compliance	Prep Defueled Rad Protection Manual	\$	0.0	\$		\$	0.
23	LT-2-D-2.06	Regulatory Compliance	Prepare Preliminary Defueled Technical Specifications	\$	-	\$	-	\$	-
24	LT-2-D-2.08	Regulatory Compliance	Implement Technical Spec Mods	\$	0.3	\$	-	\$	0
25	SNF-2-D-8.05	Regulatory Compliance	Prepare Irradiated Fuel Management Plan & NRC Review	\$	-	\$	-	\$	-
26		Regulatory Submittals Subtotal		\$	0.5	\$	0.2	\$	0.
27		· ·							
28	LT-2-D-2.17	Historical Site Assessment/Characterization	Historical Site Assessment/Site Charac.	\$	-	\$	1.1	\$	(1.
29		Historical Site Assessment/Characterization Sub	total	\$	-	\$	1.1	\$	(1.
30									
31	LT-2-D-2.31	Transition Modifications	Transition Project Modifications	\$	0.0	\$	0.2	\$	(0.:
32		Transition Modifications Subtotal		\$	0.0	\$	0.2		(0.:
33				7		7	0.2	\$	_
34	2015 Recorde	ed Costs for Distributed Projects Completed in 2015		\$	0.5	\$	10.6	\$	
34 35				\$	0.5	\$	10.6	\$	(10.
34 35 36	LT-U-1.01	Undistributed - Labor	Labor License Termination Reporting	\$	0.5 7.2	\$	10.6 7.0	\$	(10.
34 35 36 37	LT-U-1.01 SNF-U-2.01	Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting	\$ \$ \$	7.2 4.2	\$ \$	7.0 3.9	\$ \$	(10.
34 35 36 37 38	LT-U-1.01	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting	\$ \$ \$ \$	7.2 4.2 0.2	\$ \$ \$ \$	7.0 3.9 0.1	\$ \$ \$ \$	(10. 0. 0. 0.
34 35 36 37 38 39	LT-U-1.01 SNF-U-2.01	Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting	\$ \$ \$	7.2 4.2	\$ \$	7.0 3.9	\$ \$	(10. 0. 0. 0.
34 35 36 37 38 39 40	LT-U-1.01 SNF-U-2.01 SR-U-3.01	Undistributed - Labor Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal	\$ \$ \$ \$ \$	7.2 4.2 0.2 11.6	\$ \$ \$ \$ \$	7.0 3.9 0.1 11.0	\$ \$ \$ \$ \$	(10. 0. 0. 0.
34 35 36 37 38 39 40 41	LT-U-1.01 SNF-U-2.01 SR-U-3.01	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force	\$ \$ \$ \$ \$	7.2 4.2 0.2 11.6	\$ \$ \$ \$ \$	7.0 3.9 0.1 11.0	\$ \$ \$ \$ \$	0. 0. 0. 0.
34 35 36 37 38 39 40 41 42	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2	\$ \$ \$ \$ \$	7.0 3.9 0.1 11.0	\$ \$ \$ \$ \$	(10. 0. 0. 0. 0.
34 35 36 37 38 39 40 41 42 43	LT-U-1.01 SNF-U-2.01 SR-U-3.01	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2	\$ \$ \$ \$ \$ \$	7.0 3.9 0.1 11.0 0.3 4.2	\$ \$ \$ \$ \$ \$	(10. 0. 0. 0. 0.
34 35 36 37 38 39 40 41 42 43 44	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2	\$ \$ \$ \$ \$	7.0 3.9 0.1 11.0	\$ \$ \$ \$ \$	(10. 0. 0. 0. 0.
34 35 36 37 38 39 40 41 42 43 44 45	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$	0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.
34 35 36 37 38 39 40 41 42 43 44 45	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2	\$ \$ \$ \$ \$ \$	7.0 3.9 0.1 11.0 0.3 4.2	\$ \$ \$ \$ \$ \$	0 0 0 0 0
34 35 36 37 38 39 40 41 42 43 44 45 46	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11
34 35 36 37 38 39 40 41 42 43 44 45 46 47	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11 11 11
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor Subtotal Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11 11 11
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11 11 11
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 5.5 17.1 2.0 0.3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11 11 12 00
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02	Undistributed - Labor Subtotal Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 (100 (100 (100 (100 (100 (100 (100
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08	Undistributed - Labor Subtotal Undistributed - Labor Undistributed - Labor Undistributed - Labor Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Ender Subtotal Emergency Preparedness Fees	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 5.5 17.1 2.0 0.3 2.3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(10 (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(10 (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)
34 335 336 337 38 39 40 41 42 43 44 45 46 47 48 49 50 51 55 55 56	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(10 () () () () () () () () () () ()
34 335 336 337 338 339 40 41 42 43 44 45 46 47 48 49 550 551 552 553 554 555 566 57	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17	Undistributed - Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5 0.4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 () () () () () () () () () () () () ()
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17 LT-U-1.06	Undistributed - Labor Undistributed - Non-Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses Site Lease and Easement Expenses	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5 0.4 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5 - 0.1 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 () () () () () () () () () () () () ()
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17 LT-U-1.06	Undistributed - Labor Undistributed - Non-Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5 0.4 0.1 0.3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5 0.1 0.1 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 () () () () () () () () () () () () ()
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17 LT-U-1.06 SR-U-3.05	Undistributed - Labor Undistributed - Non-Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5 0.4 0.1 0.3	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5 0.1 0.1 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(10 () () () () () () () () () () () () ()
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 55 55 55 56 60 61 62	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17 LT-U-1.17	Undistributed - Labor Undistributed - Non-Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease and Easement Expenses Site Lease Fees Site Lease and Easement Expenses Site Lease Fees Site Lease and Easement Expenses Site Lease Fees Site Lease And Easement Expenses Site Lease And Easement Expenses Site Lease Fees NRC Spent Fuel Fees	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.9 0.5 0.4 0.1 0.1 0.3 0.4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 0.1 0.1 0.1 0.1 0.1 0.1 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 C)
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 60 61	LT-U-1.01 SNF-U-2.01 SR-U-3.01 LT-U-1.03 SNF-U-2.04 SR-U-3.02 LT-U-1.11 SR-U-3.08 SNF-U-2.09 LT-U-1.24 LT-U-1.17 LT-U-1.06 SR-U-3.05	Undistributed - Labor Undistributed - Non-Labor	Labor Spent Fuel Management Reporting Labor Site Restoration Reporting Utility Staff Subtotal Security Guard Force Security Guard Force Security Guard Force Security Force Subtotal Decommissioning General Contractor Staff Decommissioning General Contractor Staff Emergency Preparedness Fees Environmental Permits and Fees Association Fees and Expenses Site Lease and Easement Expenses Subtotal NRC Decommissioning Fees	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.5 7.2 4.2 0.2 11.6 0.4 5.2 - 5.5 17.1 2.0 0.3 0.4 0.4 0.4 0.4 0.4 0.4	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.6 7.0 3.9 0.1 11.0 0.3 4.2 - 4.5 15.5 0.1 0.1 - 0.1 0.1	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(100 00 00 00 11 11 11

ATTACHMENT B (Continued)

			2015 NDCTP - SONGS Units 2 & 3 Cost Reasonableness Comparison of Review Period Expenditure Total to the DCE			
			(SDGE 20% Share, 2014\$ in millions)			
				[A]	[B]	[C = A -
	DCE No.	Category	Description	DCE	Recorded	Variano
66 67	LT-U-1.08	Undistributed - Non-Labor	Materials and Services	\$ 0.4	\$ 2.3	\$ (1
68	SNF-U-2.11	Undistributed - Non-Labor	Materials and Services	\$ 0.3	\$ 1.2	\$ (0
69	SR-U-3.06	Undistributed - Non-Labor	Materials and Services	\$ -	\$ 0.1	\$ (0
70	LT-U-1.13	Undistributed - Non-Labor	Craft Worker Training	\$ 0.1	\$ -	\$ (
71 72	SNF-U-2.15 SR-U-3.09	Undistributed - Non-Labor Undistributed - Non-Labor	Craft Worker Training Craft Worker Training	\$ 0.1 \$ 0.0	\$ -	\$ (
73	SR-U-Inv Adj	Undistributed - Non-Labor	Vendor Invoice Adjustments	\$ 0.0 \$ -	\$ -	\$ -
74			Contracted Services Subtotal	\$ 0.9	\$ 3.6	\$ (2
75						
76	LT-U-1.02	Undistributed - Non-Labor	Utility Staff Health Physics Supplies	\$ 0.2	\$ -	\$ (
77 78	SNF-U-2.02	Undistributed - Non-Labor	Utility Staff Health Physics Supplies Utility Staff Health Physics Supplies Subtotal	\$ 0.3 \$ 0.5	\$ - \$ -	\$ (
78 79			Othity Start Health Physics Supplies Subtotal	\$ 0.5	3 -	3 (
80	LT-U-1.25	Undistributed - Non-Labor	Decom Advisor	\$ 0.3	\$ -	\$ (
81	SNF-U-2.10	Undistributed - Non-Labor	Spent Fuel Maintenance	\$ 0.1	\$ -	\$ (
82	LT-U-1.12	Undistributed - Non-Labor	DGC Health Physics Supplies	\$ 0.1	\$ -	\$ (
83	LT 11 4 00	Haddenda Alas Islan	DAWDiscost	4 00	_	
84 85	LT-U-1.09 SNF-U-2.12	Undistributed - Non-Labor Undistributed - Non-Labor	DAW Disposal DAW Disposal	\$ 0.0	\$ -	\$ (
86	JINI U 2.12	S. AISTI DUCCU - NOIT-LABOT	Dry Acticve Waste Disposal Subtotal	\$ 0.0	\$ -	\$ (
87			, ,	7 012		<u> </u>
88	LT-U-1.04	Undistributed - Non-Labor	Security-Related Expenses	\$ 0.0	\$ -	\$ (
89	SNF-U-2.05	Undistributed - Non-Labor	Security-Related Expenses	\$ 0.1	\$ -	\$ (
90	SR-U-3.03	Undistributed - Non-Labor	Security-Related Expenses	\$ 0.1	\$ - \$ -	\$ (
91 92			Security-Related Expenses Subtotal	\$ 0.1	\$ -	\$ (
93	LT-U-1.19	Undistributed - Non-Labor	Tools and Equipment	\$ 0.0	\$ -	\$ 0
94	LI 0 1.15	Olidistributed Non Eabor	Tools and Equipment	ÿ 0.0	3	7
95			Plant Operations Subtotal	\$ 2.0	\$ 3.6	\$ (1
96						
97	LT-U-1.30	Undistributed - Non-Labor	Legal	\$ -	\$ 0.3	\$ (0
98 99	SNF-U-2.30 SR-U-3.30	Undistributed - Non-Labor Undistributed - Non-Labor	Legal Legal	\$ - \$ -	\$ -	\$ -
00	31. 0 3.30	Olidistributed Non Eabor	Legal Subtotal	\$ -	\$ 0.5	\$ (0
01			0	-	7 00	7 (4
02	SR-U-3.11	Undistributed - Non-Labor	Severance	\$ 2.2	\$ 1.5	\$ 0
03						
04	LT-U-1.20	Undistributed - Non-Labor	Non-Process Computers	\$ 0.0	\$ 0.2	\$ (0
05 06	LT-U-1.21 LT-U-1.22	Undistributed - Non-Labor Undistributed - Non-Labor	Telecommunications Personal Computers	\$ 0.0 \$ 0.0	\$ -	\$ C
07	SNF-U-2.22	Undistributed - Non-Labor	Personal Computers	\$ 0.0	\$ -	\$ (
08			Information Technology Subtotal	\$ 0.1	\$ 0.2	\$ (0
09						
10	LT-U-1.10	Undistributed - Non-Labor	Energy	\$ 0.9	\$ 0.2	\$ (
11 12	SNF-U-2.13	Undistributed - Non-Labor	Energy Energy Subtotal	\$ 0.2 \$ 1.0	\$ 0.1 \$ 0.3	\$ (
13			Energy Subtotal	\$ 1.0	\$ 0.5	\$ (
14	LT-U-1.05	Undistributed - Non-Labor	Insurance	\$ 0.6	\$ 0.3	\$ (
15	SNF-U-2.06	Undistributed - Non-Labor	Insurance	\$ 0.2	\$ 0.1	\$ (
16	LT-U-1.14	Undistributed - Non-Labor	Workers Compensation Insurance	\$ 0.0	\$ 0.1	\$ (0
17			Insurance Subtotal	\$ 0.9	\$ 0.5	\$ 0
18 19	LT-U-1.15	Undistributed - Non-Labor	Community Engagement Panel	\$ 0.6	\$ 0.1	\$ (
20	LT-U-1.16	Undistributed - Non-Labor	Property Tax	\$ -	\$ -	\$ -
21						
22	LT-U-1.18	Undistributed - Non-Labor	Utilities (Water, gas, phone)	\$ 0.1	\$ -	\$ (
23	SNF-U-2.18	Undistributed - Non-Labor	Utilities (Water, gas, phone)	\$ 0.2	\$ -	\$ (
24 25	SR-U-3.13	Undistributed - Non-Labor	Utilities (Water, gas, phone) Utilities (Water, gas, phone) Subtotal	\$ -	\$ - \$ -	\$ -
25 26			ounties (water, gas, priorie) subtotal	\$ 0.3	9 -	\$ (
27	SR-U-Bank	Undistributed - Non-Labor	Bank Fees & Interest	\$ -	\$ -	\$ -
28						
29	LT-U-RS	Undistributed - Non-Labor	Results Sharing	\$ -	\$ 0.4	\$ (0
30	SNF-U-RS	Undistributed - Non-Labor	Results Sharing	\$ -	\$ 0.5	\$ (0
31 32	SR-U-RS	Undistributed - Non-Labor	Results Sharing Results Sharing Subtotal	\$ - \$ -	\$ -	\$ (
33			results sharing subtotal	ş -	Ş 0.9)) د
34			Other Non-Labor Costs Subtotal	\$ 5.0	\$ 4.0	\$ 1
35				Ţ 5.0		+
36		Undistributed - Non-Labor Subtotal		\$ 9.6	\$ 8.2	\$ 1.
37						
38	Undistribute	ed Subtotal		\$ 29.0	\$ 23.7	\$ 5.
39 40	Total			¢ 20 E	\$ 34.3	¢ 14
40	Total			\$ 29.5	\$ 34.3	\$ (4.
nera	Notes:					