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March 29, 2011

U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: **Calvert Cliffs Nuclear Power Plant**
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
Nine Mile Point Nuclear Station
Unit Nos. 1 & 2; Docket Nos. 50-220 & 50-410
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

Biennial Report: Status of Decommissioning Funding

- REFERENCES:**
- (a) Letter from Mr. H. B. Barron (CENG) to Document Control Desk (NRC), dated November 20, 2009, Submittal of Site-Specific SAFSTOR Decommissioning Cost Estimates
 - (b) Letter from Mr. D. V. Pickett (NRC) to Mr. J. T. Carlin (Ginna) dated December 3, 2009, R.E. Ginna Nuclear Power Plant, LLC's Status of Decommissioning Funding Assurance for R.E. Ginna Nuclear Power Plant (TAC No. ME0522)
 - (c) Letter from Mr. R. V. Guzman (NRC) to Mr. S. L. Belcher (NMPNS) dated December 3, 2009, Nine Mile Point Nuclear Station, LLC's Status of Decommissioning Funding Assurance for Nine Mile Point Nuclear Station, Unit No. 1 (TAC No. ME0540)
 - (d) Letter from Mr. D. E. Lauver (CCNPP) to Document Control Desk (NRC), dated March 22, 2011, Submittal of Site-Specific SAFSTOR Decommissioning Cost Estimates

Pursuant to the requirements of Title 10 Code of Federal Regulations (CFR) 50.75(f)(1), this letter submits the 2011 report on the status of decommissioning funding for Calvert Cliffs Nuclear Power Plant, R.E. Ginna Nuclear Power Plant, and Nine Mile Point Nuclear Station, which are wholly-owned subsidiaries of Constellation Energy Nuclear Group, LLC (CENG). Title 10 CFR 50.75(f)(1) requires that each power reactor licensee report, on a calendar-year basis, to the U.S. Nuclear Regulatory Commission at least once every two years on the status of its decommissioning funding for each reactor or part of a reactor that it owns. This letter and the associated attachments satisfy the requirement for reporting the status of decommissioning liability and funding as of December 31, 2010.

ADD
LRR

The information required by 10 CFR 50.75(f)(1) is provided in Attachment (1). Please note the required information applicable to the Nine Mile Point Nuclear Power Station Unit 2 reactor includes summary statements provided by the 18% co-owner, Long Island Power Authority. Constellation Energy Nuclear Group has not independently verified information provided by this co-owner.

Decommissioning financial assurance for each facility is based on site-specific SAFSTOR decommissioning cost estimates (DCEs), as described in Scenario 3 of References (a) and (d), and summarized in Row 1c of each table in Attachment (1). The SAFSTOR approach is consistent with site-specific DCEs previously provided for the Nine Mile Point Nuclear Station Unit 1 and the R.E. Ginna Nuclear Power Plant (Reference a) and as acknowledged in References (b) and (c).

The SAFSTOR study information is provided to reflect consistent assumptions for NRC decommissioning financial assurance analysis scenarios. Constellation Energy Nuclear Group, LLC has not made any final determinations regarding the decommissioning approach to be used for any of the nuclear reactors. Actual decommissioning schedules could vary, as would periodic analyses of CENG's asset retirement obligations. As required by 10 CFR 50.82(a)(4)(i), an actual decommissioning plan, including a schedule, will be submitted to the NRC when each respective unit is within two years of its projected permanent cessation of operation.

All figures provided for these DCEs are for radiological decommissioning through license termination. All DCEs for this financial assurance alternative, as described in Scenario 1 (immediate decommissioning without SAFSTOR costs) and summarized in Row 1b of each table in Attachment (1), are greater than the NRC minimum funding certification amounts summarized in Row 1a of each table in Attachment (1), as required by 10 CFR 50.75(b)(1). The figures demonstrating the status of the decommissioning funds through the proposed period of decommissioning are set forth in Attachment (2). Attachment (2) data with respect to R.E. Ginna Nuclear Power Plant and Nine Mile Point Nuclear Station Unit 1 are updates reflecting escalation of the cost data previously provided in Attachment (3) of Reference (a).

There are no new regulatory commitments contained in this letter.

Should you have questions regarding the information in this submittal, please contact Bruce Montgomery at (410) 470-3777 or bruce.montgomery@cengllc.com.

Very truly yours,



Stephen A. Mormann

Attachments: (1) 2011 Decommissioning Funding Status Report: Year End 2010
(2) 2011 Decommissioning Funding Analysis and Projected Cash Flow for Site-Specific SAFSTOR Decommissioning Studies

cc: **Director, Project Directorate I-1, NRC**
D. V. Pickett, NRC
R. V. Guzman, NRC
W. M. Dean, NRC
Resident Inspector, NRC (Calvert Cliffs)
Resident Inspector, NRC (Ginna)

Resident Inspector, NRC (Nine Mile Point)
S. Gray, Maryland DNR
P. D. Eddy, New York State Department of
Public Service
A. L. Peterson, NYSERDA

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT:

YEAR END 2010

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

**Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2
Docket Nos. 50-317 & 50-318**

Table 1 – Calvert Cliffs Nuclear Power Plant

	Information Required by 10 CFR 50.75(f)(1)	Unit 1 (\$000's)	Unit 2 (\$000's)	Total (\$000's)
1a	The minimum decommissioning fund estimate ¹ as of December 31, 2010, pursuant to 10 CFR 50.75 (b) and (c)	\$438,126 ²	\$438,126 ²	\$876,252 ²
1b	Decommissioning cost estimate from site-specific study Scenario 1 (immediate decommissioning without SAFSTOR costs) for Calvert Cliffs Nuclear Power Plant (Reference d) and escalated to end-of-2010 dollars, as described in Attachment (2), that demonstrates the license termination costs are greater than the NRC minimum	\$452,254 ²	\$450,206 ²	\$902,460 ²
1c	Decommissioning cost estimate from site-specific study Scenario 3 (SAFSTOR) for Calvert Cliffs Nuclear Power Plant (Reference d) and escalated to end-of-2010 dollars, as described in Attachment (2), that provides an alternative to the NRC minimum in row 1a above in demonstrating financial assurance	\$602,303 ²	\$601,447 ²	\$1,203,750 ²
2	The amount accumulated as of December 31, 2010 in the external decommissioning trust pursuant to 10 CFR 50.75 (b) and (c)	\$209,177	\$271,474	\$480,651
3	Schedule of the annual amounts remaining to be collected	\$0	\$0	\$0
4	Assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections			
	Annual decommissioning cost escalation	4%		
	Annual after-tax rate of earnings on decommissioning funds	6% ³		
	Frequency of contribution to the decommissioning trust	N/A		
5	Any contracts upon which CENG is relying pursuant to 10 CFR 50.75 (e)(1)(ii)(B)	No		
6	Any modifications to CENG's current method of providing financial assurance since the last submitted report	Yes ⁴		
7	Any material changes to trust agreements	No		

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

Table 1 Notes – Calvert Cliffs Nuclear Power Plant

- ¹ Values are based on application of the generic minimum funding calculation specified in 10 CFR 50.75(c)(1), as adjusted in accordance with paragraph 50.75(c)(2) and Revision 14 of NUREG-1307. The Bureau of Labor Statistics (BLS) values used regarding energy and labor terms were taken from the best source available during the preparation of this submittal, which were the energy indices published as of September 2010 (the latest final data available when drafting this document) and the labor indices published as of December 2010.
- ² These values represent decommissioning costs anticipated to be incurred in removing the Calvert Cliffs Nuclear Power Plant units safely from service and reducing residual radioactivity to levels that permit release of the property for unrestricted use and termination of the license. The cost of dismantling nonradioactive systems and structures is not included in this estimate, nor is the cost of managing and storing spent fuel on the site until transfer to the U. S. Department of Energy.
- ³ The long-term target rate of return for the fund is approximately 6.5%; however, CENG employs here only a 6% rate of return in accordance with the “up to a 2 percent annual real rate of return” limitation set forth in 10 CFR 50.75(e). The weighted average cost escalation value of 4% for all decommissioning costs is based on recent site-specific decommissioning studies performed on a fleet-wide basis.
- ⁴ Since the last submitted biennial report, CENG has elected to utilize a site-specific decommissioning cost estimate for demonstrating decommissioning financial assurance. Constellation Energy Nuclear Group first did so in its November 20, 2009, submittal regarding the Nine Mile Point Nuclear Station Unit 1 and the R.E. Ginna Nuclear Power Plant (see Reference a). Reference (d) provides the cost estimate for the Calvert Cliffs Nuclear Power Plant Units 1 and 2 decommissioning financial assurance. Constellation Energy Nuclear Group is applying the SAFSTOR decommissioning methodology (Scenario 3 in the cost studies) to all five of its nuclear units. The decommissioning funding analysis and cash flow projections are provided in Attachment (2). In accordance with a condition set forth in an October 30, 2009, NRC Order (NRC-2009-0194), “CCNPP, LLC, may no longer rely exclusively on an external sinking fund as its decommissioning funding assurance mechanism and will be required to implement an alternative decommissioning funding assurance mechanism, acceptable per NRC requirements ...” Current funding and the site-specific decommissioning cost estimate provides an acceptable means of financial assurance.

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

**Nine Mile Point Nuclear Station
Unit Nos. 1 & 2
Docket Nos. 50-220 & 50-410**

**Table 2 – Nine Mile Point Nuclear Station¹
(Constellation Energy Nuclear Group (CENG) Ownership Interest)**

	Information Required by 10 CFR 50.75(f)(1)	Unit 1 (\$000's)	Unit 2 (\$000's)	Total (\$000's)
1a	The minimum decommissioning fund estimate ² as of December 31, 2010, pursuant to 10 CFR 50.75 (b) and (c)	\$559,177 ³	\$513,062 ³	\$1,072,239 ³
1b	Decommissioning cost estimate from site-specific study Scenario 1 (immediate decommissioning without SAFSTOR costs) for Nine Mile Point Nuclear Station (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that demonstrates the license termination costs are greater than the NRC minimum	\$604,533 ³	\$536,355 ³	\$1,140,888 ³
1c	Decommissioning cost estimate from site-specific study Scenario 3 (SAFSTOR) for Nine Mile Point Nuclear Station (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that provides an alternative to the NRC minimum in row 1a above in demonstrating financial assurance	\$766,578 ³	\$729,114 ³	\$1,495,692 ³
2	The amount accumulated as of December 31, 2010 in the external decommissioning trust pursuant to 10 CFR 50.75 (b) and (c)	\$375,329	\$237,447	\$612,776
3	Schedule of the annual amounts remaining to be collected	\$0	\$0	None
4	Assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections			
	Annual decommissioning cost escalation		4%	
	Annual after-tax rate of earnings on decommissioning funds		6% ⁴	
	Frequency of contribution to the decommissioning trust		N/A	
5	Any contracts upon which CENG is relying pursuant to 10 CFR 50.75 (e)(1)(ii)(B)		No	
6	Any modifications to CENG's current method of providing financial assurance since the last submitted report		Yes ⁵	
7	Any material changes to trust agreements		No	

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

**Table 2 Notes - Nine Mile Point Nuclear Station
(Constellation Energy Nuclear Group Ownership Interest)**

- ¹ On November 7, 2001, Constellation Energy Group (now CENG) completed the acquisition of 100% of Nine Mile Point Nuclear Station Unit 1 (NMP-1) and 82% of Nine Mile Point Nuclear Station Unit 2 (NMP-2). The NMP-1 amounts provided in this table represent the 100% CENG share of decommissioning responsibilities. The NMP-2 amounts provided in this table represent the 82% CENG share of decommissioning responsibilities. Table 3 contains information regarding the 18% share of the liability assumed by the Long Island Power Authority.
- ² Values are based on application of the generic minimum funding calculation specified in 10 CFR 50.75(c)(1), as adjusted in accordance with paragraph 50.75(c)(2) and Revision 14 of NUREG-1307. The Bureau of Labor Statistics (BLS) values used regarding energy and labor terms were taken from the best source available during the preparation of this submittal, which were the energy indices published as of September 2010 (the latest final data available when drafting this document) and the labor indices published as of December 2010.
- ³ These values represent the decommissioning costs, relative to the CENG interests, as anticipated to be incurred in removing the Nine Mile Point Nuclear Station units safely from service and reducing residual radioactivity to levels that permit release of the property for unrestricted use and termination of the license. The cost of dismantling nonradioactive systems and structures is not included in this estimate, nor is the cost of managing and storing spent fuel on the site until transfer to the U.S. Department of Energy.
- ⁴ The long-term target rate of return for the fund is approximately 6.5%; however, CENG employs here only a 6% rate of return in accordance with the “up to a 2 percent annual real rate of return” limitation set forth in 10 CFR 50.75(e). The weighted average cost escalation value of 4% for all decommissioning costs is based on recent site-specific decommissioning studies performed on a fleet-wide basis.
- ⁵ Since the last submitted biennial report, CENG has elected to utilize a site-specific decommissioning cost estimate for demonstrating decommissioning financial assurance. Reference (a) provides the cost estimate for the Nine Mile Point Nuclear Station, Units 1 and 2. Constellation Energy Nuclear Group is applying the SAFSTOR decommissioning methodology (Scenario 3 in the cost studies). The decommissioning funding analysis and cash flow projections are provided in Attachment (2). Although the document was not a biennial decommissioning financial assurance submittal, CENG did submit a SAFSTOR financial assurance scenario for its Nine Mile Point Nuclear Station Unit 1 facility and its R.E. Ginna Nuclear Power Plant facility in a letter dated November 20, 2009. That submittal was acknowledged as providing adequate financial assurance in Reference (c).

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

**Nine Mile Point Nuclear Station
Unit Nos. 1 & 2
Docket Nos. 50-220 & 50-410**

**Table 3 – Nine Mile Point Nuclear Station
(Long Island Power Authority 18% NMP-2 Ownership Interest)¹**

Note: Information in this table for rows 2-7 was provided by the NMP-2 minority owner, Long Island Power Authority. CENG has not independently verified or assessed the information provided by this co-owner.

	Information Required by 10 CFR 50.75(f)(1)	Unit 1 (\$000's)	Unit 2 (\$000's)	Total (\$000's)
1a	The minimum decommissioning fund estimate ² as of December 31, 2010, pursuant to 10 CFR 50.75 (b) and (c)	N/A	\$112,623 ³	\$112,623 ³
1b	Decommissioning cost estimate from site-specific study Scenario 1 (immediate decommissioning without SAFSTOR costs) for Nine Mile Point Nuclear Station (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that demonstrates the license termination costs are greater than the NRC minimum	N/A	\$117,736 ³	\$117,736 ³
1c	Decommissioning cost estimate from site-specific study Scenario 3 (SAFSTOR) for Nine Mile Point Nuclear Station (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that provides an alternative to the NRC minimum in row 1a above in demonstrating financial assurance	N/A	\$160,049 ³	\$160,049 ³
2	The amount accumulated as of December 31, 2010 in the external decommissioning trust pursuant to 10 CFR 50.75 (b) and (c)	N/A	\$ 66,822	\$ 66,822
3	Schedule of the annual amounts remaining to be collected	\$0	\$0	None
4	Assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections			
	Annual decommissioning cost escalation	N/A	4%	4%
	Annual after-tax rate of earnings on decommissioning funds	N/A	6%	6%
	Frequency of contribution to the decommissioning trust	N/A		
5	Any contracts upon which Long Island Power Authority is relying pursuant to 10 CFR 50.75 (e)(1)(ii)(B)	No		
6	Any modifications to the Long Island Power Authority's current method of providing financial assurance since the last submitted report	Yes ⁴		
7	Any material changes to trust agreements	No		

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

**Table 3 Notes – Nine Mile Point Nuclear Station
(Long Island Power Authority 18% NMP-2 Ownership Interest)**

- ¹ On November 7, 2001, Constellation Energy Group (now CENG) completed the acquisition of 100% of Nine Mile Point Nuclear Station Unit 1 (NMP-1) and 82% of Nine Mile Point Nuclear Station Unit 2 (NMP-2). The NMP-2 amounts provided in this table represent the remaining 18% Long Island Power Authority (LIPA) share of decommissioning responsibilities. Constellation Energy Nuclear Group has not independently verified this information as provided by the co-owner.
- ² Values are based on application of the generic minimum funding calculation specified in 10 CFR 50.75(c)(1), as adjusted in accordance with paragraph 50.75(c)(2) and Revision 14 of NUREG-1307. The Bureau of Labor Statistics (BLS) values used regarding energy and labor terms were taken from the best source available during the preparation of this submittal, which were the energy indices published as of September 2010 (the latest final data available when drafting this document) and the labor indices published as of December 2010.
- ³ These values represent the decommissioning costs, relative to the LIPA interests, as anticipated to be incurred in removing NMP-2 safely from service and reducing residual radioactivity to levels that permit release of the property for unrestricted use and termination of the license. The cost of dismantling nonradioactive systems and structures is not included in this estimate, nor is the cost of managing and storing spent fuel on the site until transfer to the U.S. Department of Energy. Constellation Energy Nuclear Group has not independently verified this information as provided by the co-owner.
- ⁴ Since the last submitted biennial report, LIPA has elected to utilize a site-specific decommissioning cost for demonstrating decommissioning financial assurance. Reference (a) provides the cost estimate for NMP-2. Consistent with CENG, LIPA is applying the SAFSTOR decommissioning methodology (Scenario 3 in the CENG cost studies). The decommissioning funding analysis and cash flow projections are provided in Attachment (2).

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

R.E. GINNA NUCLEAR POWER PLANT
Docket No. 50-244

Table 4 – R.E. Ginna Nuclear Power Plant¹

	Information Required by 10 CFR 50.75(f)(1)	Total (\$000's)
1a	The minimum decommissioning fund estimate ² as of December 31, 2010, pursuant to 10 CFR 50.75 (b) and (c)	\$414,365 ³
1b	Decommissioning cost estimate from site-specific study Scenario 1 (immediate decommissioning without SAFSTOR costs) for R.E. Ginna Nuclear Power Plant (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that demonstrates the license termination costs are greater than the NRC minimum	\$421,582 ³
1c	Decommissioning cost estimate from site-specific study Scenario 3 (SAFSTOR) for R.E. Ginna Nuclear Power Plant (Reference a) and escalated to end-of-2010 dollars, as described in Attachment (2), that provides an alternative to the NRC minimum in row 1a above in demonstrating financial assurance	\$623,221 ³
2	The amount accumulated as of December 31, 2010 in the external decommissioning trust pursuant to 10 CFR 50.75 (b) and (c)	\$264,864
3	Schedule of the annual amounts remaining to be collected	\$0
4	Assumptions used regarding escalation in decommissioning cost, rates of earnings on decommissioning funds, and rates of other factors used in funding projections	
	Annual decommissioning cost escalation	4%
	Annual after-tax rate of earnings on decommissioning funds	6% ⁴
	Frequency of contribution to the decommissioning trust	N/A
5	Any contracts upon which CENG is relying pursuant to 10 CFR 50.75 (e)(1)(ii)(B)	No
6	Any modifications to CENG's current method of providing financial assurance since the last submitted report	Yes ⁵
7	Any material changes to trust agreements	No

ATTACHMENT (1)

2011 DECOMMISSIONING FUNDING STATUS REPORT: YEAR END 2010

Table 4 Notes – R.E. Ginna Nuclear Power Plant

- ¹ On June 10, 2004, Constellation Energy Group (now CENG) completed acquisition of 100% of the R.E. Ginna Nuclear Power Plant and associated assets. The amounts provided in this table represent that 100% CENG share of decommissioning responsibilities.
- ² Values are based on application of the generic minimum funding calculation specified in 10 CFR 50.75(c)(1), as adjusted in accordance with paragraph 50.75(c)(2) and Revision 14 of NUREG-1307. The Bureau of Labor Statistics (BLS) values used regarding energy and labor terms were taken from the best source available during the preparation of this submittal, which were the energy indices published as of September 2010 (the latest final data available when drafting this document) and the labor indices published as of December 2010.
- ³ These values represent decommissioning costs anticipated to be incurred in removing the R.E. Ginna Nuclear Power Plant unit safely from service and reducing residual radioactivity to levels that permit release of the property for unrestricted use and termination of the license. The cost of dismantling nonradioactive systems and structures is not included in this estimate, nor is the cost of managing and storing spent fuel on the site until transfer to the U. S. Department of Energy.
- ⁴ The long-term target rate of return for the fund is approximately 6.5%; however, CENG employs here only 6% rate of return in accordance with the “up to a 2 percent annual real rate of return” limitation set forth in 10 CFR 50.75(e). The weighted average cost escalation value of 4% for all decommissioning costs is based on recent site-specific decommissioning studies performed on a fleet-wide basis.
- ⁵ Since the last submitted biennial report, CENG has elected to utilize a site-specific decommissioning cost estimate for demonstrating decommissioning financial assurance. Reference (a) provides the cost estimate for the R.E. Ginna Nuclear Power Plant. Constellation Energy Nuclear Group is applying the SAFSTOR decommissioning methodology (Scenario 3 in the cost estimate). The decommissioning funding analysis and cash flow projections are provided in Attachment (2). Although the document was not a biennial decommissioning financial assurance submittal, CENG did submit a SAFSTOR financial assurance scenario for its Nine Mile Point Nuclear Station Unit 1 facility and its R.E Ginna Nuclear Power Plant facility in a letter dated November 20, 2009. That submittal was acknowledged as providing adequate financial assurance in Reference (b).

ATTACHMENT (2)

**2011 DECOMMISSIONING FUNDING ANALYSIS AND
PROJECTED CASH FLOW FOR SITE-SPECIFIC SAFSTOR
DECOMMISSIONING STUDIES**

**Constellation Energy Nuclear Group (CENG)
NRC Financial Assurance
As of December 31, 2010
Dollars in Thousands**

	Calvert Cliffs		Nine Mile Point				Ginna
	Unit 1	Unit 2	Unit 1	Unit 2		Total Unit 2	
				CENG 82%	LIPA 18%		
	7/31/2034	8/13/2036	8/22/2029	10/31/2046	10/31/2046	10/31/2046	9/18/2029
License expiration and shutdown date							
Radiological Decommissioning Trust Fund Activity:							
Trust fund balance as of December 31, 2010 [A]	\$209,177	\$271,474	\$375,329	\$237,447	\$66,822	\$304,269	\$264,864
Less total license termination disbursements per site-specific study (Scenario 3):							
In 2009 dollars per 2009 study [B]	(518,244)	(517,507)	(700,583)	(666,344)	(146,271)	(812,615)	(537,306)
Escalated to year-end 2010 dollars [C = B x L (escalation ratio below)]	(602,303)	(601,447)	(766,578)	(729,114)	(160,049)	(889,163)	(623,221)
Trust fund earnings through decommissioning period based on 2% real rate of return [D]	<u>420,153</u>	<u>629,687</u>	<u>743,521</u>	<u>750,257</u>	<u>229,116</u>	<u>979,373</u>	<u>484,044</u>
Trust fund balance at end of decommissioning period [E=A+C+D]	<u>\$27,027</u>	<u>\$299,715</u>	<u>\$352,272</u>	<u>\$258,590</u>	<u>\$135,889</u>	<u>\$394,478</u>	<u>\$125,686</u>
Comparison of Site-Specific Studies to NRC Minimum:							
Total license termination disbursements per prompt decommissioning scenario of site-specific study (Scenario 1):							
In 2009 dollars per 2009 study [F]	\$389,136	\$387,374	\$552,489	\$490,180	\$107,600	\$597,780	\$363,464
Escalated to year-end 2010 dollars [G= F x L (escalation ratio below)]	452,254	450,206	604,533	536,355	117,736	654,091	421,582
NRC minimum as of December 31, 2010 [H]	438,126	438,126	559,177	513,062	112,623	625,685	414,365
Site-specific study amount greater than NRC minimum amount [G > H]	Yes	Yes	Yes	Yes	Yes	Yes	Yes

¹ A final determination of the decommissioning approach for each of the units has not been made. For the purpose of this financial assurance submittal, each of the projected trust fund balances is based on Scenario 3 of the supporting site-specific study, which is within the guidelines set forth in 10 C.F.R. 50.75. Different decommissioning options that also meet the NRC financial assurance requirements may be chosen in the future. Any funds remaining after the completion of radiological decommissioning could be available for nonradiological decommissioning.

² For Nine Mile Point Unit 2 amounts above, the trust fund balance amounts as of December 31, 2010 reflect the actual CENG and Long Island Power Authority (LIPA) fund balances, the disbursement and NRC minimum amounts reflect the 82%/18% CENG/LIPA pro rata ownership split, and the earnings are calculated on the trust fund balances less the pro rata distributions. The supporting site-specific study reflects the cost of decommissioning 100% of the unit.

³ The NRC minimum as of December 31, 2010, including burial costs, is based on NUREG 1307 Rev 14 updated through the Bureau of Labor Statistics published labor and energy indices as of December 31, 2010, except that the energy-related indices are as of September 2010, the most recently published final indices as of the date of this analysis and research.

⁴ Decommissioning expenditures are assumed to be paid as of January 1 of each year, apply to only license termination radiological decommissioning costs, and do not include any other decommissioning costs such as costs for spent fuel management or restoration of the site to "greenfield" status.

⁵ Each scenario in the site-specific study was based upon costs in 2009 dollars. These costs were escalated to year-end 2010 at the rate of increase during 2009 and 2010 of the NRC minimum for each unit as calculated below.

Calculation of Cost Escalation Rate (Described in Note 5 Above) - Dollars in Thousands					
	Calvert Cliffs		Nine Mile Point		Ginna
	Unit 1	Unit 2	Unit 1	Unit 2	
NRC Minimum:					
NRC minimum per 2009 NRC Biennial Submittal [J]					
NRC minimum per 2009 Biennial Submittal adjusted for Calvert Cliffs' MWth increase [K] (\$98,910/\$98,760=1.00152)					
NRC Minimum per this 2011 NRC Biennial Submittal [H]					
Ratio of NRC Minimum per 2011 Biennial Submittal to adjusted NRC Minimum per 2009 Biennial Submittal [L=H/K]					
Cost escalation rate from 2009 site-specific studies to this 2011 NRC Biennial Submittal					

Calvert Cliffs Nuclear Power Plant - Unit 1 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1622	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 209,177
2011	\$ 209,177			\$ 4,184	213,361
2012	213,361			4,267	217,628
2013	217,628			4,353	221,980
2014	221,980			4,440	226,420
2015	226,420			4,528	230,948
2016	230,948			4,619	235,567
2017	235,567			4,711	240,279
2018	240,279			4,806	245,084
2019	245,084			4,902	249,986
2020	249,986			5,000	254,986
2021	254,986			5,100	260,085
2022	260,085			5,202	265,287
2023	265,287			5,306	270,593
2024	270,593			5,412	276,005
2025	276,005			5,520	281,525
2026	281,525			5,630	287,155
2027	287,155			5,743	292,898
2028	292,898			5,858	298,756
2029	298,756			5,975	304,731
2030	304,731			6,095	310,826
2031	310,826			6,217	317,043
2032	317,043			6,341	323,383
2033	323,383			6,468	329,851
2034	329,851	\$ 4,658	\$ 5,413	6,489	330,926
2035	330,926	6,608	7,680	6,465	329,711
2036	329,711	23,418	27,216	6,050	308,545
2037	308,545	35,222	40,935	5,352	272,962
2038	272,962	3,111	3,616	5,387	274,733
2039	274,733	3,111	3,616	5,422	276,539
2040	276,539	3,111	3,616	5,458	278,382
2041	278,382	7,957	9,248	5,383	274,516
2042	274,516	9,510	11,053	5,269	268,733
2043	268,733	2,211	2,570	5,323	271,486
2044	271,486	2,211	2,570	5,378	274,295
2045	274,295	2,211	2,570	5,434	277,159
2046	277,159	2,211	2,570	5,492	280,081
2047	280,081	2,211	2,570	5,550	283,062
2048	283,062	2,211	2,570	5,610	286,102
2049	286,102	2,211	2,570	5,671	289,203
2050	289,203	2,211	2,570	5,733	292,365

Calvert Cliffs Nuclear Power Plant - Unit 1 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1622	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2051	292,365	2,211	2,570	5,796	295,591
2052	295,591	2,211	2,570	5,860	298,882
2053	298,882	2,211	2,570	5,926	302,238
2054	302,238	2,211	2,570	5,993	305,662
2055	305,662	2,211	2,570	6,062	309,154
2056	309,154	2,634	3,061	6,122	312,215
2057	312,215	2,211	2,570	6,193	315,838
2058	315,838	2,211	2,570	6,265	319,534
2059	319,534	2,211	2,570	6,339	323,303
2060	323,303	2,211	2,570	6,415	327,148
2061	327,148	2,211	2,570	6,492	331,070
2062	331,070	2,211	2,570	6,570	335,070
2063	335,070	2,211	2,570	6,650	339,150
2064	339,150	2,211	2,570	6,732	343,312
2065	343,312	2,499	2,904	6,808	347,215
2066	347,215	2,573	2,990	6,885	351,110
2067	351,110	2,573	2,990	6,962	355,081
2068	355,081	2,573	2,990	7,042	359,133
2069	359,133	2,573	2,990	7,123	363,265
2070	363,265	2,573	2,990	7,205	367,480
2071	367,480	2,573	2,990	7,290	371,780
2072	371,780	2,573	2,990	7,376	376,165
2073	376,165	2,573	2,990	7,463	380,638
2074	380,638	2,573	2,990	7,553	385,200
2075	385,200	2,573	2,990	7,644	389,854
2076	389,854	2,996	3,481	7,727	394,100
2077	394,100	5,532	6,429	7,753	395,424
2078	395,424	16,381	19,038	7,528	383,914
2079	383,914	73,513	85,437	5,970	304,446
2080	304,446	103,452	120,232	3,684	187,898
2081	187,898	64,458	74,913	2,260	115,245
2082	115,245	44,415	51,620	1,273	64,898
2083	64,898	33,416	38,836	521	26,583
2084	26,583	75	87	530	27,027
Totals and Ending Fund Balance		\$ 518,244	\$ 602,303	\$ 420,153	\$ 27,027

Calvert Cliffs Nuclear Power Plant - Unit 2 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1622	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 271,474
2011	\$ 271,474			\$ 5,429	276,903
2012	276,903			5,538	282,442
2013	282,442			5,649	288,090
2014	288,090			5,762	293,852
2015	293,852			5,877	299,729
2016	299,729			5,995	305,724
2017	305,724			6,114	311,838
2018	311,838			6,237	318,075
2019	318,075			6,362	324,437
2020	324,437			6,489	330,925
2021	330,925			6,619	337,544
2022	337,544			6,751	344,295
2023	344,295			6,886	351,181
2024	351,181			7,024	358,204
2025	358,204			7,164	365,368
2026	365,368			7,307	372,676
2027	372,676			7,454	380,129
2028	380,129			7,603	387,732
2029	387,732			7,755	395,486
2030	395,486			7,910	403,396
2031	403,396			8,068	411,464
2032	411,464			8,229	419,693
2033	419,693			8,394	428,087
2034	428,087	\$ 4,658	\$ 5,413	8,453	431,127
2035	431,127	6,608	7,680	8,469	431,916
2036	431,916	19,848	23,068	8,177	417,025
2037	417,025	38,791	45,083	7,439	379,380
2038	379,380	3,111	3,616	7,515	383,280
2039	383,280	3,111	3,616	7,593	387,257
2040	387,257	3,111	3,616	7,673	391,314
2041	391,314	7,957	9,248	7,641	389,707
2042	389,707	9,510	11,053	7,573	386,227
2043	386,227	2,211	2,570	7,673	391,331
2044	391,331	2,211	2,570	7,775	396,536
2045	396,536	2,211	2,570	7,879	401,846
2046	401,846	2,211	2,570	7,986	407,261
2047	407,261	2,211	2,570	8,094	412,785
2048	412,785	2,211	2,570	8,204	418,420
2049	418,420	2,211	2,570	8,317	424,167
2050	424,167	2,211	2,570	8,432	430,029

Calvert Cliffs Nuclear Power Plant - Unit 2 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1622	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2051	430,029	2,211	2,570	8,549	436,008
2052	436,008	2,211	2,570	8,669	442,107
2053	442,107	2,211	2,570	8,791	448,328
2054	448,328	2,211	2,570	8,915	454,674
2055	454,674	2,211	2,570	9,042	461,146
2056	461,146	2,634	3,061	9,162	467,247
2057	467,247	2,211	2,570	9,294	473,970
2058	473,970	2,211	2,570	9,428	480,829
2059	480,829	2,211	2,570	9,565	487,824
2060	487,824	2,211	2,570	9,705	494,959
2061	494,959	2,211	2,570	9,848	502,237
2062	502,237	2,211	2,570	9,993	509,661
2063	509,661	2,211	2,570	10,142	517,233
2064	517,233	2,211	2,570	10,293	524,956
2065	524,956	2,499	2,904	10,441	532,493
2066	532,493	2,573	2,990	10,590	540,092
2067	540,092	2,573	2,990	10,742	547,844
2068	547,844	2,573	2,990	10,897	555,750
2069	555,750	2,573	2,990	11,055	563,815
2070	563,815	2,573	2,990	11,216	572,041
2071	572,041	2,573	2,990	11,381	580,432
2072	580,432	2,573	2,990	11,549	588,990
2073	588,990	2,573	2,990	11,720	597,720
2074	597,720	2,573	2,990	11,895	606,624
2075	606,624	2,573	2,990	12,073	615,706
2076	615,706	2,996	3,481	12,244	624,469
2077	624,469	5,532	6,429	12,361	630,401
2078	630,401	16,381	19,038	12,227	623,590
2079	623,590	51,446	59,790	11,276	575,076
2080	575,076	91,479	106,316	9,375	478,134
2081	478,134	80,580	93,651	7,690	392,173
2082	392,173	61,597	71,588	6,412	326,997
2083	326,997	33,416	38,836	5,763	293,924
2084	293,924	75	87	5,877	299,715
Totals and Ending Fund Balance		\$ 517,507	\$ 601,447	\$ 629,687	\$ 299,715

Nine Mile Point Nuclear Station - Unit 1 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.0942	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 375,329
2011	\$ 375,329			\$ 7,507	382,836
2012	382,836			7,657	390,492
2013	390,492			7,810	398,302
2014	398,302			7,966	406,268
2015	406,268			8,125	414,394
2016	414,394			8,288	422,681
2017	422,681			8,454	431,135
2018	431,135			8,623	439,758
2019	439,758			8,795	448,553
2020	448,553			8,971	457,524
2021	457,524			9,150	466,674
2022	466,674			9,333	476,008
2023	476,008			9,520	485,528
2024	485,528			9,711	495,239
2025	495,239			9,905	505,143
2026	505,143			10,103	515,246
2027	515,246			10,305	525,551
2028	525,551	\$ 5,827	\$ 6,376	10,384	529,559
2029	529,559	49,409	54,064	9,510	485,005
2030	485,005	31,175	34,112	9,018	459,912
2031	459,912	3,530	3,863	9,121	465,170
2032	465,170	3,530	3,863	9,226	470,533
2033	470,533	3,530	3,863	9,333	476,004
2034	476,004	17,272	18,899	9,142	466,247
2035	466,247	13,691	14,981	9,025	460,291
2036	460,291	1,772	1,939	9,167	467,520
2037	467,520	1,772	1,939	9,312	474,893
2038	474,893	1,772	1,939	9,459	482,413
2039	482,413	1,772	1,939	9,609	490,084
2040	490,084	1,772	1,939	9,763	497,908
2041	497,908	1,772	1,939	9,919	505,889
2042	505,889	1,772	1,939	10,079	514,030
2043	514,030	1,772	1,939	10,242	522,333
2044	522,333	1,772	1,939	10,408	530,802
2045	530,802	1,774	1,942	10,577	539,438
2046	539,438	1,781	1,949	10,750	548,239
2047	548,239	1,812	1,983	10,925	557,182
2048	557,182	1,770	1,937	11,105	566,350

Nine Mile Point Nuclear Station - Unit 1 (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.0942	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2049	566,350	2,552	2,793	11,271	574,828
2050	574,828	1,770	1,937	11,458	584,349
2051	584,349	1,770	1,937	11,648	594,060
2052	594,060	1,809	1,980	11,842	603,922
2053	603,922	1,781	1,949	12,039	614,013
2054	614,013	1,781	1,949	12,241	624,306
2055	624,306	1,781	1,949	12,447	634,804
2056	634,804	1,781	1,949	12,657	645,512
2057	645,512	1,781	1,949	12,871	656,435
2058	656,435	1,781	1,949	13,090	667,576
2059	667,576	1,781	1,949	13,313	678,940
2060	678,940	1,781	1,949	13,540	690,531
2061	690,531	1,781	1,949	13,772	702,354
2062	702,354	1,781	1,949	14,008	714,414
2063	714,414	1,781	1,949	14,249	726,714
2064	726,714	1,781	1,949	14,495	739,261
2065	739,261	1,781	1,949	14,746	752,058
2066	752,058	1,781	1,949	15,002	765,112
2067	765,112	1,784	1,953	15,263	778,423
2068	778,423	1,781	1,948	15,529	792,004
2069	792,004	2,563	2,804	15,784	804,984
2070	804,984	1,781	1,948	16,061	819,096
2071	819,096	1,844	2,018	16,342	833,419
2072	833,419	2,141	2,343	16,622	847,698
2073	847,698	19,280	21,096	16,532	843,134
2074	843,134	71,655	78,405	15,295	780,024
2075	780,024	233,154	255,117	10,498	535,405
2076	535,405	137,374	150,315	7,702	392,792
2077	392,792	<u>43,344</u>	<u>47,427</u>	<u>6,907</u>	<u>352,272</u>
Totals and Ending Fund Balance		\$ 700,583	\$ 766,578	\$ 743,521	\$ 352,272

Nine Mile Point Nuclear Station - Unit 2 - CENG's 82% Portion (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	CENG's 82% Portion of Radiological Decommissioning Expenditures in Year-End 2010 Dollars C = B x 1.0942 x 82%	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 237,447
2011	\$ 237,447			\$ 4,749	242,196
2012	242,196			4,844	247,040
2013	247,040			4,941	251,981
2014	251,981			5,040	257,020
2015	257,020			5,140	262,161
2016	262,161			5,243	267,404
2017	267,404			5,348	272,752
2018	272,752			5,455	278,207
2019	278,207			5,564	283,771
2020	283,771			5,675	289,447
2021	289,447			5,789	295,235
2022	295,235			5,905	301,140
2023	301,140			6,023	307,163
2024	307,163			6,143	313,306
2025	313,306			6,266	319,572
2026	319,572			6,391	325,964
2027	325,964			6,519	332,483
2028	332,483			6,650	339,133
2029	339,133			6,783	345,915
2030	345,915			6,918	352,834
2031	352,834			7,057	359,890
2032	359,890			7,198	367,088
2033	367,088			7,342	374,430
2034	374,430			7,489	381,919
2035	381,919			7,638	389,557
2036	389,557			7,791	397,348
2037	397,348			7,947	405,295
2038	405,295			8,106	413,401
2039	413,401			8,268	421,669
2040	421,669			8,433	430,102
2041	430,102			8,602	438,704
2042	438,704			8,774	447,479
2043	447,479			8,950	456,428
2044	456,428			9,129	465,557
2045	465,557	\$ 2,821	\$ 2,531	9,261	472,286
2046	472,286	26,954	24,184	8,962	457,065
2047	457,065	54,709	49,088	8,160	416,136
2048	416,136	5,283	4,740	8,228	419,625
2049	419,625	5,283	4,740	8,298	423,183
2050	423,183	5,283	4,740	8,369	426,812
2051	426,812	19,596	17,582	8,185	417,414
2052	417,414	20,531	18,421	7,980	406,972
2053	406,972	2,247	2,016	8,099	413,056

Nine Mile Point Nuclear Station - Unit 2 - CENG's 82% Portion (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	CENG's 82% Portion of Radiological Decommissioning Expenditures in Year-End 2010 Dollars C = B x 1.0942 x 82%	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2054	413,056	2,247	2,016	8,221	419,261
2055	419,261	2,247	2,016	8,345	425,590
2056	425,590	2,247	2,016	8,471	432,046
2057	432,046	2,247	2,016	8,601	438,631
2058	438,631	2,247	2,016	8,732	445,347
2059	445,347	2,247	2,016	8,867	452,198
2060	452,198	2,247	2,016	9,004	459,186
2061	459,186	2,247	2,016	9,143	466,314
2062	466,314	2,247	2,016	9,286	473,584
2063	473,584	2,247	2,016	9,431	480,999
2064	480,999	2,247	2,016	9,580	488,563
2065	488,563	2,247	2,016	9,731	496,279
2066	496,279	2,247	2,016	9,885	504,148
2067	504,148	2,251	2,020	10,043	512,171
2068	512,171	2,246	2,016	10,203	520,359
2069	520,359	3,312	2,972	10,348	527,734
2070	527,734	2,246	2,016	10,514	536,233
2071	536,233	2,311	2,073	10,683	544,843
2072	544,843	2,606	2,338	10,850	553,355
2073	553,355	2,470	2,216	11,023	562,162
2074	562,162	2,416	2,168	11,200	571,193
2075	571,193	2,450	2,198	11,380	580,375
2076	580,375	2,462	2,209	11,563	589,730
2077	589,730	2,897	2,599	11,743	598,873
2078	598,873	3,319	2,978	11,918	607,812
2079	607,812	3,319	2,978	12,097	616,931
2080	616,931	3,319	2,978	12,279	626,232
2081	626,232	3,319	2,978	12,465	635,718
2082	635,718	3,319	2,978	12,655	645,395
2083	645,395	3,319	2,978	12,848	655,265
2084	655,265	3,319	2,978	13,046	665,332
2085	665,332	3,319	2,978	13,247	675,601
2086	675,601	3,319	2,978	13,452	686,075
2087	686,075	3,319	2,978	13,662	696,759
2088	696,759	3,319	2,978	13,876	707,656
2089	707,656	4,385	3,935	14,074	717,796
2090	717,796	17,126	15,366	14,049	716,478
2091	716,478	69,028	61,935	13,091	667,635
2092	667,635	187,501	168,235	9,988	509,388
2093	509,388	179,550	161,100	6,966	355,253
2094	355,253	118,552	106,371	4,978	253,861
2095	253,861	380	341	5,070	258,590
Totals and Ending Fund Balance		\$ 812,615	\$ 729,114	\$ 750,257	\$ 258,590

Nine Mile Point Nuclear Station - Unit 2 - LIPA's 18% Portion (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	LIPA's 18% Portion of Radiological Decommissioning Expenditures in Year-End 2010 Dollars C = B x 1.0942 x 18%	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 66,822
2011	\$ 66,822			\$ 1,336	68,158
2012	68,158			1,363	69,522
2013	69,522			1,390	70,912
2014	70,912			1,418	72,330
2015	72,330			1,447	73,777
2016	73,777			1,476	75,252
2017	75,252			1,505	76,757
2018	76,757			1,535	78,293
2019	78,293			1,566	79,858
2020	79,858			1,597	81,456
2021	81,456			1,629	83,085
2022	83,085			1,662	84,746
2023	84,746			1,695	86,441
2024	86,441			1,729	88,170
2025	88,170			1,763	89,934
2026	89,934			1,799	91,732
2027	91,732			1,835	93,567
2028	93,567			1,871	95,438
2029	95,438			1,909	97,347
2030	97,347			1,947	99,294
2031	99,294			1,986	101,280
2032	101,280			2,026	103,305
2033	103,305			2,066	105,372
2034	105,372			2,107	107,479
2035	107,479			2,150	109,629
2036	109,629			2,193	111,821
2037	111,821			2,236	114,058
2038	114,058			2,281	116,339
2039	116,339			2,327	118,665
2040	118,665			2,373	121,039
2041	121,039			2,421	123,460
2042	123,460			2,469	125,929
2043	125,929			2,519	128,447
2044	128,447			2,569	131,016
2045	131,016	\$ 2,821	\$ 556	2,609	133,070
2046	133,070	26,954	5,309	2,555	130,317
2047	130,317	54,709	10,775	2,391	121,932
2048	121,932	5,283	1,040	2,418	123,309
2049	123,309	5,283	1,040	2,445	124,714
2050	124,714	5,283	1,040	2,473	126,147
2051	126,147	19,596	3,860	2,446	124,734
2052	124,734	20,531	4,044	2,414	123,104
2053	123,104	2,247	442	2,453	125,114

Nine Mile Point Nuclear Station - Unit 2 - LIPA's 18% Portion (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	LIPA's 18% Portion of Radiological Decommissioning Expenditures in Year-End 2010 Dollars C = B x 1.0942 x 18%	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2054	125,114	2,247	442	2,493	127,165
2055	127,165	2,247	442	2,534	129,257
2056	129,257	2,247	442	2,576	131,391
2057	131,391	2,247	442	2,619	133,568
2058	133,568	2,247	442	2,663	135,788
2059	135,788	2,247	442	2,707	138,052
2060	138,052	2,247	442	2,752	140,362
2061	140,362	2,247	442	2,798	142,718
2062	142,718	2,247	442	2,846	145,121
2063	145,121	2,247	442	2,894	147,572
2064	147,572	2,247	442	2,943	150,072
2065	150,072	2,247	442	2,993	152,622
2066	152,622	2,247	442	3,044	155,223
2067	155,223	2,251	443	3,096	157,875
2068	157,875	2,246	442	3,149	160,582
2069	160,582	3,312	652	3,199	163,128
2070	163,128	2,246	442	3,254	165,939
2071	165,939	2,311	455	3,310	168,794
2072	168,794	2,606	513	3,366	171,646
2073	171,646	2,470	486	3,423	174,583
2074	174,583	2,416	476	3,482	177,589
2075	177,589	2,450	482	3,542	180,649
2076	180,649	2,462	485	3,603	183,767
2077	183,767	2,897	571	3,664	186,860
2078	186,860	3,319	654	3,724	189,931
2079	189,931	3,319	654	3,786	193,063
2080	193,063	3,319	654	3,848	196,257
2081	196,257	3,319	654	3,912	199,515
2082	199,515	3,319	654	3,977	202,839
2083	202,839	3,319	654	4,044	206,229
2084	206,229	3,319	654	4,111	209,686
2085	209,686	3,319	654	4,181	213,213
2086	213,213	3,319	654	4,251	216,811
2087	216,811	3,319	654	4,323	220,480
2088	220,480	3,319	654	4,397	224,223
2089	224,223	4,385	864	4,467	227,826
2090	227,826	17,126	3,373	4,489	228,942
2091	228,942	69,028	13,595	4,307	219,654
2092	219,654	187,501	36,930	3,654	186,379
2093	186,379	179,550	35,364	3,020	154,035
2094	154,035	118,552	23,350	2,614	133,300
2095	133,300	380	75	2,664	135,889
Totals and Ending Fund Balance		\$ 812,615	\$ 160,049	\$ 229,116	\$ 135,889

R. E. Ginna Nuclear Power Plant (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1599	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2010					\$ 264,864
2011	\$ 264,864			\$ 5,297	270,161
2012	270,161			5,403	275,565
2013	275,565			5,511	281,076
2014	281,076			5,622	286,697
2015	286,697			5,734	292,431
2016	292,431			5,849	298,280
2017	298,280			5,966	304,245
2018	304,245			6,085	310,330
2019	310,330			6,207	316,537
2020	316,537			6,331	322,868
2021	322,868			6,457	329,325
2022	329,325			6,587	335,912
2023	335,912			6,718	342,630
2024	342,630			6,853	349,482
2025	349,482			6,990	356,472
2026	356,472			7,129	363,602
2027	363,602			7,272	370,874
2028	370,874	\$ 6,515	\$ 7,557	7,266	370,583
2029	370,583	31,130	36,108	6,689	341,164
2030	341,164	20,626	23,924	6,345	323,585
2031	323,585	3,913	4,538	6,381	325,428
2032	325,428	3,913	4,538	6,418	327,308
2033	327,308	3,913	4,538	6,455	329,225
2034	329,225	4,863	5,641	6,472	330,056
2035	330,056	17,897	20,759	6,186	315,482
2036	315,482	2,283	2,648	6,257	319,091
2037	319,091	2,283	2,648	6,329	322,771
2038	322,771	2,283	2,648	6,402	326,525
2039	326,525	2,283	2,648	6,478	330,354
2040	330,354	2,283	2,648	6,554	334,260
2041	334,260	2,283	2,648	6,632	338,244
2042	338,244	2,283	2,648	6,712	342,307
2043	342,307	2,283	2,648	6,793	346,452
2044	346,452	2,283	2,648	6,876	350,680
2045	350,680	2,283	2,648	6,961	354,992
2046	354,992	2,946	3,417	7,031	358,606
2047	358,606	3,042	3,528	7,102	362,179
2048	362,179	3,042	3,528	7,173	365,824

R. E. Ginna Nuclear Power Plant (2 Pages)
Trust Fund Balances Based on Site-Specific Study Scenario 3 Cash Flows and 2% Real Rate of Return
In Thousands of Dollars

Year	Radiological Decommissioning Trust Fund Balance as of Beginning of Year A	Radiological Decommissioning Expenditures in 2009 Dollars B	Radiological Decommissioning Expenditures in Year-end 2010 Dollars C = B x 1.1599	2.00% Annual Trust Fund Earnings D = (A - C) x 2%	Radiological Decommissioning Trust Fund Balance as of End of Year E = (A - C + D)
2049	365,824	3,395	3,938	7,238	369,124
2050	369,124	3,042	3,528	7,312	372,907
2051	372,907	3,042	3,528	7,388	376,766
2052	376,766	3,042	3,528	7,465	380,703
2053	380,703	3,042	3,528	7,543	384,718
2054	384,718	3,042	3,528	7,624	388,813
2055	388,813	3,042	3,528	7,706	392,991
2056	392,991	3,042	3,528	7,789	397,252
2057	397,252	3,042	3,528	7,874	401,598
2058	401,598	3,042	3,528	7,961	406,031
2059	406,031	3,042	3,528	8,050	410,552
2060	410,552	3,042	3,528	8,140	415,165
2061	415,165	3,042	3,528	8,233	419,869
2062	419,869	3,042	3,528	8,327	424,667
2063	424,667	3,042	3,528	8,423	429,562
2064	429,562	3,042	3,528	8,521	434,554
2065	434,554	3,042	3,528	8,621	439,646
2066	439,646	3,042	3,528	8,722	444,840
2067	444,840	3,042	3,528	8,826	450,138
2068	450,138	3,042	3,528	8,932	455,542
2069	455,542	3,395	3,938	9,032	460,636
2070	460,636	3,042	3,528	9,142	466,250
2071	466,250	3,042	3,528	9,254	471,976
2072	471,976	3,042	3,528	9,369	477,816
2073	477,816	3,042	3,528	9,486	483,774
2074	483,774	7,452	8,643	9,503	484,633
2075	484,633	23,438	27,186	9,149	466,596
2076	466,596	114,479	132,784	6,676	340,488
2077	340,488	131,833	152,914	3,751	191,326
2078	191,326	<u>58,715</u>	<u>68,104</u>	<u>2,464</u>	<u>125,686</u>
Totals and Ending Fund Balance		\$ 537,306	\$ 623,221	\$ 484,044	\$ 125,686