



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 5, 2011

Mr. James H. Lash
Chief Nuclear Officer
GPU Nuclear Inc.
Three Mile Island Nuclear Station
Route 441 South
Post Office Box 480
Middletown, PA 17057-0480

SUBJECT: THREE MILE ISLAND NUCLEAR STATION UNIT 2 – 2011
DECOMMISSIONING FUNDING STATUS REPORT – REQUEST
FOR ADDITIONAL INFORMATION, LICENSE: DPR-73, DOCKET: 50-320

Dear Mr. Lash:

On March 30, 2011, GPU Nuclear, Inc. (GPU) submitted to the U.S. Nuclear Regulatory Commission (NRC) the 2011 Decommissioning Funding Status (DFS) report for Three Mile Island Nuclear Station, Unit 2 (TMI 2), (ADAMS Accession No. ML110950371) pursuant to 10 CFR 50.75(f)(1). The NRC has completed its initial review of the Decommissioning Funding Status (DFS) report and requests the following information to complete its analysis:

RAI #1: Decommissioning Costs

Provide the amount of decommissioning funds estimated to be required under 10 CFR 50.75(c).

Basis: Per 10 CFR 50.75(f)(1), GPU's DFS report must include, at a minimum the amount of decommissioning funds estimated to be required under 10 CFR 50.75(b) and (c). The DFS report did not include the amount of funds estimated to be required based on the formula in 10 CFR 50.75(c). GPU's submittal states that the decommissioning fund estimate, pursuant to 10 CFR 50.75(b) and (c) is based upon a site specific decommissioning cost study, *Decommissioning Cost Analysis for Three Mile Island Unit 2*, dated January 2009 and escalated to 2010 dollars.



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10 CFR 50.75

November 2, 2011
TMI-11-153

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

SUBJECT:
Three Mile Island Nuclear Station, Unit 2
Docket No. 50-320, License No. DPR-73
Request for Additional Information Related to the Decommissioning Funding Status
Report for the Three Mile Island Nuclear Station, Unit 2

Pursuant to 10 CFR 50.75(f)(1), GPU Nuclear, Inc. submitted the annual decommissioning funding status report for Three Mile Island Nuclear Station, Unit 2 by letter dated March 30, 2011 (Accession No. ML110950371). By letter dated October 5, 2011 (Accession No. ML112630451), the Nuclear Regulatory Commission staff requested additional information to complete their review. The response to the request for additional information is attached.

There are no regulatory commitments contained in this submittal. If there are any questions or if additional information is required, please contact Mr. Phil H. Lashley, Supervisor - Fleet Licensing, at (330) 315-6808.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Pace", with a long horizontal flourish extending to the right.

Danny L. Pace
President

Attachment:
Response To Request For Additional Information

cc: NRC Region I Administrator
NRC Project Manager
NRC Resident Inspector

FSHE20

Response To Request For Additional Information
Page 1 of 2

By letter dated March 30, 2011 (Accession No. ML110950371), GPU Nuclear, Inc. submitted the annual decommissioning funding status report for Three Mile Island Nuclear Station, Unit 2 to the Nuclear Regulatory Commission (NRC).

By letter dated October 5, 2011 (Accession No. ML112630451), the NRC staff requested additional information to complete their review. The response to the request for additional information (RAI) is provided below. The NRC staff question is presented in bold type, followed by the GPU Nuclear, Inc. response.

RAI #1: Decommissioning Costs

Provide the amount of decommissioning funds estimated to be required under 10 CFR 50.75(c).

Response:

The minimum decommissioning fund estimate pursuant to 10 CFR 50.75(c):

Pennsylvania Electric Company	\$114,071,814
Jersey Central Power & Light Company	\$114,071,814
Metropolitan Edison Company	<u>\$228,143,626</u>
FirstEnergy Corp. Consolidated	\$456,287,254

Schedule 1 provides the calculation of the above values.

The amount of after-tax funds accumulated in the external trust funds as of December 31, 2010¹:

Pennsylvania Electric Company	\$156,510,599
Jersey Central Power & Light Company	\$185,565,006
Metropolitan Edison Company	<u>\$296,718,872</u>
FirstEnergy Corp. Consolidated	\$638,794,477

Note 1: Because the annual decommissioning funding status report for Three Mile Island Nuclear Station, Unit 2 dated March 30, 2011 (Accession No. ML110950371) did not report the after-tax value of the external trust funds, these values are also provided.

Schedule 1
FIRSTENERGY CORP.
Calculation of Minimum Financial Assurance Amount
December 31, 2010
THREE MILE ISLAND NUCLEAR STATION, UNIT 2

Pennsylvania Regions

Labor (L) = Northeast
Energy (E) = National
Waste Burial (B) = Generic

For PWR Unit

	Adjustment Factor ¹	Ratio	Escalation Factor ²
L =	2.454	0.65	1.595
E =	2.263	0.13	0.294
B =	12.280	0.22	2.702

PWR Escalation Factor = 4.591

Base Amount for PWR between 1200 MWt and 3400 MWt = (\$75 + 0.0088P) million
(P = power level in megawatts thermal = 2772)

(\$75 + 0.0088(2772)) million = \$99,393,600

Escalated Amount for unit² =
99,393,600 x 4.591 = \$456,287,254

<u>Owner/Licensee</u>	<u>Ownership</u>	
Pennsylvania Electric Company	25%	\$114,071,814 ²
Jersey Central Power & Light Company	25%	\$114,071,814 ²
Metropolitan Edison Company	<u>50%</u>	<u>\$228,143,626²</u>
FirstEnergy Corp. Consolidated	100%	\$456,287,254

Note 1: Actual fourth quarter 2010 Bureau of Labor Statistics data used to develop Labor factor, preliminary December 2010 Bureau of Labor Statistics data used to develop Energy Factor, and Burial factor is based on NUREG-1307, "Report on Waste Burial Charges: Changes in Decommissioning Waste Disposal Costs at Low-Level Waste Burial Facilities," Revision 14 data.

Note 2: Mathematical rounding was performed during the development of the supporting calculations.