

March 28, 2014  
L-14-088

10 CFR 50.75

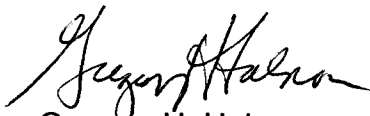
ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT:  
Davis-Besse Nuclear Power Station  
Docket No. 50-346, License No. NPF-3  
Submittal of the Decommissioning Funding Status Report for  
Davis-Besse Nuclear Power Station

Pursuant to 10 CFR 50.75(f)(1), the FirstEnergy Nuclear Operating Company, on behalf of the FirstEnergy Nuclear Generation, LLC, is submitting the enclosed decommissioning funding status report for the Davis-Besse Nuclear Power Station for the year ending December 31, 2013.

There are no regulatory commitments contained in this letter. If there are any questions, or if additional information is required, please contact Mr. Thomas A. Lentz, Manager – Fleet Licensing, at (330) 315-6810.

Sincerely,



Gregory H. Halnon  
Director, Fleet Regulatory Affairs

Attachment:  
Davis-Besse Nuclear Power Station Decommissioning Funding Status Report

Attachment  
L-14-088

Davis-Besse Nuclear Power Station Decommissioning Funding Status Report  
Page 1 of 3

This report reflects the FirstEnergy Nuclear Generation, LLC ownership interest in the Davis-Besse Nuclear Power Station as of December 31, 2013.

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

FirstEnergy Nuclear Generation, LLC	\$497,151,787
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2. The amount accumulated in external trust funds as of December 31, 2013:

FirstEnergy Nuclear Generation, LLC	After-Tax \$480,024,154
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3. A schedule of the annual amounts over the number of years remaining to be collected from ratepayers:

Amount Remaining	\$0
Number of years to collect	0

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

Consolidated Ownership Interest in Unit	100%
"Real" Rate of Return through Dismantlement	2.00%
Year of Final Dismantlement	2024
Year Operating License Expires	2017

5. There are no contracts upon which the owners/licensees are relying pursuant to 10 CFR 50.75(e)(1)(v).
6. There has been no modification to the current method of providing decommissioning funding assurance since the last submitted report.
7. There have been no material changes to the applicable trust agreement(s) since the last submitted report.

8. Mathematical rounding was performed during the development of the supporting calculations.
9. FirstEnergy Nuclear Operating Company intends to revise the site-specific Davis-Besse Nuclear Power Station decommissioning cost estimate in 2014. The decommissioning cost estimate will include SAFSTOR as a decommissioning option.

**Schedule 1**  
**FirstEnergy Nuclear Generation, LLC**  
Calculation of Minimum Financial Assurance Amount  
December 31, 2013  
**DAVIS-BESSE NUCLEAR POWER STATION**

**Ohio Regions**

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

**For PWR Unit**

	Adjustment Factor <sup>1</sup>	Ratio	Escalation Factor <sup>2</sup>
L =	2.450	0.65	1.593
E =	2.568	0.13	0.334
B =	13.885	0.22	3.055

PWR Escalation Factor = 4.982

Base Amount for PWR between 1200 MWt and 3400 MWt = (\$75m + 0.0088P)  
(P = power level in megawatts thermal = 2817)

(\$75 + 0.0088(2817)) million = \$ 99,789,600

Escalated Amount for unit <sup>2</sup> =			
99,789,600	x	4.982	=
			<b><u>\$497,151,787</u></b>

<b><u>Owner/Licensee</u></b>	<b><u>Ownership</u></b>
FirstEnergy Nuclear Generation, LLC	100.00% <b><u>\$497,151,787</u></b>

Note 1: Actual fourth quarter 2013 Bureau of Labor Statistics data used to develop Labor factor, actual December 2013 Bureau of Labor Statistics data used to develop Energy factor, and Burial factor is contained in NUREG-1307, "Report on Waste Burial Charges: Changes in Decommissioning Waste Disposal Costs at Low-Level Waste Burial Facilities," Revision 15 which is based upon 2012 data.

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