

**Paul A. Harden**  
Site Vice President724-682-5234  
Fax: 724-643-8069April 29, 2011  
L-11-041

10 CFR 50.36a

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

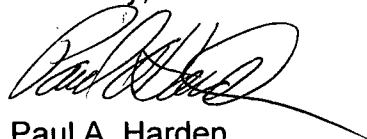
Beaver Valley Power Station, Unit Nos. 1 and 2  
Docket No. 50-334, License No. DPR-66  
Docket No. 50-412, License No. NPF-73  
Submittal of 2010 Radioactive Effluent Release Report / 2010 Annual Radiological  
Environmental Operating Report, and 2010 Annual Environmental Operating Report  
(Non-Radiological)

In accordance with 10 CFR 50.36a and Beaver Valley Power Station (BVPS) Unit Nos. 1 and 2 Technical Specifications 5.5.1, 5.6.1, and 5.6.2, FirstEnergy Nuclear Operating Company (FENOC) hereby submits the BVPS *2010 Radioactive Effluent Release Report and 2010 Annual Radiological Environmental Operating Report*. These reports are provided in a single enclosure (Enclosure A).

FENOC also submits (Enclosure B) the *2010 Annual Environmental Operating Report (Non-Radiological)*, in accordance with the BVPS Unit No. 2 Operating License, Appendix B – Environmental Protection Plan.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Donald J. Salera, Manager – Site Chemistry, at (724) 682-4141.

Sincerely,



Paul A. Harden

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IE25  
A009  
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Beaver Valley Power Station Unit Nos. 1 and 2

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Enclosures:

- A. *2010 Radioactive Effluent Release Report and 2010 Annual Radiological Environmental Operating Report*
- B. *2010 Annual Environmental Operating Report (Non-Radiological)*

cc: NRC Region I Administrator  
NRC Resident Inspector  
NRR Project Manager  
Director BRP/DEP  
Site BRP/DEP Representative