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May 23, 2012  
L-12-188

10 CFR 50.54(p)(2)

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

**SUBJECT:**

Beaver Valley Power Station, Unit Nos. 1 and 2  
BV-1 Docket No. 50-334, License No. DPR-66  
BV-2 Docket No. 50-412, License No. NPF-73  
Response to April 25, 2012 NRC Request for Additional Information Regarding 10 CFR 50.54(p)(2) Changes to the BVPS Security Plans

Attached is the reply to the April 25, 2012 NRC letter which requested additional information regarding the February 20, 2012 FirstEnergy Nuclear Operating Company (FENOC) submittal of the Beaver Valley Power Station Physical Security Plan Revision 10 changes in accordance with 10 CFR 50.54(p)(2).

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Darin M. Benyak, Manager – Regulatory Compliance at 724-682-4284.

Sincerely,



Paul A. Harden

**Attachment:**

Response to April 25, 2012 NRC Request for Additional Information Regarding 10 CFR 50.54(p)(2) Changes to the BVPS Security Plans

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

ATTACHMENT  
L-12-188

Response to April 25, 2012 NRC Request for Additional Information  
Regarding 10 CFR 50.54(p)(2) Changes to the BVPS Security Plans  
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By letter dated February 20, 2012 (Agencywide Documents Access and Management System Accession No. ML 12054A686), FirstEnergy Nuclear Operating Company submitted Beaver Valley's Physical Security Plan (PSP), Training and Qualification Plan, and Safeguards Contingency Plan, Revision 10. The enclosure to the letter contained Safeguards Information and has been withheld from public disclosure. The U.S. Nuclear Regulatory Commission (NRC) staff is currently reviewing the submittal to ensure compliance with Title 10 of the Code of Federal Regulations (10 CFR), Section 50.54(p)(2). The NRC staff has determined that the additional information requested below is needed to complete its review.

- 1. In Section 15.1 and 15.3 of the PSP, the licensee describes the use of a thermal imaging system. Does this system display concurrently in at least two continuously staffed on-site alarm stations in accordance with 10 CFR 73.55(i)(2)?**

Response:

Yes, the thermal imaging system described in Section 15.1 and 15.3 of the Beaver Valley Power Station (BVPS) PSP does have video assessment equipment displays in both the Central and Secondary Alarm Stations, and meets the requirements of 10 CFR 73.55(i)(2).

- 2. Describe how the thermal imaging system meets 10 CFR 73.55(i)(3)(iv).**

Response:

Per the requirements detailed in 10 CFR 73.55(i)(3)(iv), the thermal imaging system described in Section 15.1 and 15.3 of the BVPS PSP does have alarm devices to include transmission lines to annunciators which are tamper indicating and self checking. This capability was tested satisfactory during system installation acceptance testing.