



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

April 25, 2012

Mr. Paul A. Harden  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Mail Stop A-BV-SEB1  
P.O. Box 4, Route 168  
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2 - REQUEST FOR  
ADDITIONAL INFORMATION REGARDING SECURITY PLAN REVIEW

Dear Mr. Harden:

By letter dated February 20, 2012 (Agencywide Documents Access and Management System Accession No. ML12054A686), First Energy Nuclear Operating Company submitted the Beaver Valley's Physical Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan, Revision 10.

The Nuclear Regulatory Commission staff has been reviewing the submittal and has determined that additional information is needed to complete its review. The specific questions are found in the enclosed request for additional information (RAI). The questions were sent via electronic transmission on April 20, 2012, to Mr. Phil Lashley, of your staff. The draft questions were sent to ensure that the questions were understandable, the regulatory basis was clear, and to determine if the information was previously docketed. The draft questions were discussed in a teleconference with your staff on April 24, 2012. It was agreed that a response to this RAI would be submitted by May 31, 2012.

Please contact me at 301-415-2833, if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Peter Bamford".

Peter Bamford, Project Manager  
Plant Licensing Branch I-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosure:  
As stated

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION  
REGARDING 10 CFR 50.54(p)(2) CHANGES TO THE SECURITY PLANS  
FIRST ENERGY NUCLEAR OPERATING COMPANY  
BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-334 & 50-412

By letter dated February 20, 2012 (Agencywide Documents Access and Management System Accession No. ML12054A686), First Energy Nuclear Operating Company submitted the 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)?
2. Describe how the thermal imaging system meets 10 CFR 73.55(i)(3)(iv).

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/ra/

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ADAMS Accession Number: ML121150619

\*via email

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NAME	PBamford	ABaxter, SLittle for*	BSchnetzler*	MKhanna (JHughey for)
DATE	04/24/2012	04/25/2012	04/20/2012	04/25/2012

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