



FirstEnergy Nuclear Operating Company

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August 13, 2008  
L-08-260

10 CFR 54

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  
Supplement to Reply to Request for Additional Information for the Review of the Beaver Valley Power Station, Units 1 and 2, License Renewal Application (TAC Nos. MD6593 and MD6594) and License Renewal Application Amendment No. 20

Reference 1 provided the FirstEnergy Nuclear Operating Company (FENOC) License Renewal Application (LRA) for the Beaver Valley Power Station (BVPS). Reference 2 provided the FENOC reply to a U.S. Nuclear Regulatory Commission (NRC) request for additional information regarding the BVPS license renewal integrated plant assessment in Section 2.5 of the BVPS LRA. During a conference call between FENOC and the NRC held on July 23, 2008, the NRC staff requested follow-up information related to the FENOC response in Reference 2.

The Attachment provides the FENOC reply to the NRC follow-up request for additional information. The Enclosure provides Amendment No. 20 to the BVPS License Renewal Application.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Clifford I. Custer, Fleet License Renewal Project Manager, at 724-682-7139.

I declare under penalty of perjury that the foregoing is true and correct. Executed on August 13, 2008.

Sincerely,

Peter P. Sena III

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MIRK

Beaver Valley Power Station, Unit Nos. 1 and 2

L-08-260

Page 2

References:

1. FENOC Letter L-07-113, "License Renewal Application," August 27, 2007.
2. FENOC Letter L-08-225, "Reply to Request for Additional Information for the Review of the Beaver Valley Power Station, Units 1 and 2, License Renewal Application (TAC Nos. MD6593 and MD6594) and License Renewal Application Amendment No. 16," July 11, 2008.

Attachment:

Supplement to Reply to Request for Additional Information Regarding Beaver Valley Power Station, Units 1 and 2, License Renewal Application, Section 2.5

Enclosure:

Amendment No. 20 to the BVPS License Renewal Application

cc: Mr. K. L. Howard, NRC DLR Project Manager  
Mr. S. J. Collins, NRC Region I Administrator

cc: w/o Attachment or Enclosure  
Mr. B. E. Holian, NRC DLR Director  
Mr. D. L. Werkheiser, NRC Senior Resident Inspector  
Ms. N. S. Morgan, NRC DORL Project Manager  
Mr. D. J. Allard, PA BRP/DEP Director  
Mr. L. E. Ryan, PA BRP/DEP

ATTACHMENT  
L-08-260

Supplement to Reply to Request for Additional Information Regarding  
Beaver Valley Power Station, Units 1 and 2,  
License Renewal Application,  
Section 2.5  
Page 1 of 1

**Section 2.5**

**Question RAI 2.5-1 (Follow up)**

**Confirm that the switchyard breaker control circuits are also included in scope for license renewal.**

**RESPONSE RAI 2.5-1 (Follow up)**

FENOC intended the electrical scoping boundary description for recovery of offsite power following station blackout to include the first breaker and associated controls within the switchyard. LRA Section 2.5 is revised to clarify that the controls associated with the first breakers in the switchyard (breakers 92 and 83 for Unit 1, and breakers 85 and 94 for Unit 2) are included in the scope of license renewal.

See the Enclosure to this letter for the revision to the BVPS LRA.

## **ENCLOSURE**

**Beaver Valley Power Station (BVPS), Unit Nos. 1 and 2**

**Letter L-08-260**

**Amendment No. 20 to the  
BVPS License Renewal Application**

Page 1 of 2

**License Renewal Application  
Sections Affected**

Section 2.5

The Enclosure identifies the correction by Affected License Renewal Application (LRA) Section, LRA Page No., and Affected Paragraph and Sentence. The count for the affected paragraph, sentence, bullet, etc. starts at the beginning of the affected Section or at the top of the affected page, as appropriate. Below each section the reason for the change is identified, and the sentence affected is printed in *italics* with deleted text *~~lined-out~~* and added text *underlined*.

<u>Affected LRA Section</u>	<u>LRA Page No.</u>	<u>Affected Paragraph and Sentence</u>
Section 2.5	Page 2.5-2	“Evaluation Boundaries” Section, 2 <sup>nd</sup> Paragraph

LRA, Section 2.5, “Scoping and Screening Results: Electrical and Instrumentation and Controls Systems,” page 2.5-2, subsection titled “Evaluation Boundaries,” is revised to clarify that the controls associated with the first breakers in the switchyard (breakers 92 and 83 for Unit 1, and breakers 85 and 94 for Unit 2) are included in the scope of license renewal. Section 2.5, page 2.5-2, section titled “Evaluation Boundaries,” 2<sup>nd</sup> paragraph, is revised to read:

*“For BVPS, recovery of offsite power following station blackout is dependent upon medium-voltage insulated cable, Switchyard bus, breakers, breaker controls, transmission conductors, and high voltage insulators that connect the plant electrical distribution system to the offsite AC power source via the station service transformers. The supply of offsite power to the plant electrical distribution system is within the scope of License Renewal from and including the first breakers in the switchyard (breakers 92 and 83 for Unit 1, and breakers 85 and 94 for Unit 2) from the plant electrical distribution system, as shown on Figures 2.5-1 and 2.5-2. Switchyard bus, transmission conductors, high-voltage insulators, and connections connecting Switchyard breakers and station service transformers are subject to aging management review. Breaker control cables and connections between the first switchyard breakers and the breaker controls are subject to aging management review. Medium-voltage cables and connections, connecting station service transformers and nonsafety buses are subject to aging management review. Medium-voltage cables and connections connecting nonsafety buses to the safety buses are subject to aging management review.”*