

February 7, 2001

Mr. L. W. Myers  
Senior Vice President  
FirstEnergy Nuclear Operating Company  
Beaver Valley Power Station  
Post Office Box 4  
Shippingport, PA 15077

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION REGARDING BEAVER VALLEY  
POWER STATION'S LICENSE AMENDMENT REQUEST FOR POWER UPRATE  
(TAC NOS. MB0996 AND MB0997)

Dear Mr. Myers:

By letter dated January 18, 2001, you requested a license amendment involving a 1.4 percent power uprate based on the utilization of the Caldon Leading Edge Flow Meter technology. The NRC staff is reviewing your submittal and has determined that additional information is required to continue the review. The request for additional information is enclosed. These questions were discussed with your staff on February 7, 2001, and it was agreed that your response would be provided to the NRC by March 9, 2001.

Sincerely,

**/RA/**

Lawrence J. Burkhart, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosure: As stated

cc w/encl: See next page

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RAI QUESTIONS REGARDING  
BEAVER VALLEY 1.4 PERCENT POWER UPRATE  
LICENSE AMENDMENT REQUEST  
DATED JANUARY 18, 2001

(1) In your submittal dated January 18, 2001, you enclosed the Caldon, Inc., Engineering Report, ER-157P, "Supplement to Topical Report ER-80P: Basis for a Power Uprate With LEFM✓™ or CheckPlus™ System, Revision 2," dated December 2000. It is the NRC staff's understanding that Caldon has decided to revise this topical report. With respect to those units utilizing the LEFM✓™ system, it is recommended that amendment requests for a 1.4 percent power uprate should base their justification on Caldon Topical Report ER-160P, which the NRC staff approved by its January 19, 2001, safety evaluation (SE) for Watts Bar (ADAMS accession number ML010260074).

(2) The NRC staff has not approved a topical report for the use of the CheckPlus™ System. In light of the pending revisions to ER-157P, please provide justification for the use of the CheckPlus™ system in support of the 1.4 percent power uprate request (i.e., please provide justification that the CheckPlus™ system is at least as good as the LEFM✓™ system).

(3) The staff SE on Caldon Topical Report ER-80P, "Improving Thermal Power Accuracy and Plant Safety While Increasing Operating Power Level Using the LEFM System," dated March 8, 1999 (accession number 9903190053), included 4 additional criteria to be addressed by a licensee requesting power uprate (see page 5 of March 8, 1999, SE). Your submittal did not address all of these criteria. Please address each of the 4 criteria.

Enclosure