

October 20, 2004

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

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2 (BVPS-1 AND 2) -
REQUEST FOR ADDITIONAL INFORMATION (RAI) - EXTENSION OF
EMERGENCY DIESEL GENERATOR (EDG) ALLOWED OUTAGE TIME (AOT)
(TAC NOS. MC3331 AND MC3332)

Dear Mr. Pearce:

The Nuclear Regulatory Commission (NRC) staff has reviewed the information provided in your May 26, 2004, license amendment application to extend the BVPS-1 and 2 EDG AOTs to 14 days. The NRC staff has determined that the additional information (RAI) contained in the enclosure to this letter is needed to complete its review. As discussed with your staff, we request your response within 45 days of receipt of this letter, in order for the NRC staff to complete its scheduled review of your submittal.

Sincerely,

/RA/

Timothy G. Colburn, Senior Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosures: RAI

cc w/encl: See next page

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DLPM/DPR				

ACCESSION NO: ML042890249 *Input provided. No substantive changes made.

OFFICE	PDI-1/PM	EEIB/SC	PDI-1/SC
NAME	TColburn	RJenkins*	RLaufer
DATE	10/18/04	10/01/04	10/18/04

OFFICIAL RECORD COPY

REQUEST FOR ADDITIONAL INFORMATION
RELATED TO FIRSTENERGY NUCLEAR OPERATING COMPANY
BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2
EMERGENCY DIESEL GENERATOR ALLOWED OUTAGE TIME
DOCKET NOS. 50-334 AND 50-412

By letter dated May 26, 2004, First Energy, LLC (the licensee) proposed changes to Beaver Valley Power Station, Unit Nos. 1 and 2 (BVPS-1 and 2) Technical Specifications. The proposed change would extend allowed outage time (AOT) for emergency diesel generator (EDG) from 72 hours to 14 days to restore an inoperable EDG to operable status. In order for the staff to proceed with its review of the proposed change, the following information is needed.

1. Discuss and provide information on the reliability and availability of offsite power sources. The discussion should include the duration, cause(s), date and time of each loss-of-offsite power (partial or complete) event.
2. Discuss the compensatory measures that will ensure the availability of the remaining sources of power to minimize the occurrence of a station blackout and ensure compliance with the requirements of General Design Criteria 17 and 18 of Appendix A to 10 CFR Part 50, when the EDG is removed from service.
3. Discuss what, if any, contingency plans will be developed to restore the inoperable EDG in the event of unanticipated adverse weather or degraded grid conditions occurring which can significantly increase the probability of losing offsite electrical power.
4. Describe the communication protocol that has been established between the control room operator at Beaver Valley Station and the System Load Dispatcher with respect to the subject amendments request. Is the System Load Dispatcher notified in advance that the EDG is going to be out for extended period of time?
5. Other licensees who have requested for EDG AOT extension provided the following Regulatory Commitments in their requests. Please address these commitments as they relate to the BVPS-1 and 2 application.
 - A. The condition of the off-site power supply and switchyard will be evaluated prior to entering the extended AOT. Please address what compensatory measures will be taken consistent with the Regulatory Guide 1.177.
 - B. The steam-driven emergency feedwater pump will not be taken out of service for planned maintenance activities and will be treated as protected equipment.

ENCLOSURE

- C. The system dispatcher will be contacted once per day and informed of the EDG status along with the power needs of the facility.
- D. No maintenance or testing that affects the reliability of the train associated with the OPERABLE EDG will be scheduled during the extended AOT. If any testing and maintenance activities must be performed while the extended AOT is in effect, a 10CFR 50.65 (a)(4) evaluation will be performed.
- E. No discretionary switchyard maintenance will be allowed. In addition, no discretionary maintenance will be allowed on the main auxiliary or startup transformers associated with the unit.
- F. The Operations crews will be briefed concerning the unit activities, including compensatory measures established following instruction of the Shift Manager upon the loss of power event. This briefing will be performed upon or prior to assuming the Watch for the first time after having scheduled days off while the AOT is in effect.

Beaver Valley Power Station, Unit Nos. 1 and 2

cc:

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