

Duquesne Light Company

Beaver Valley Power Station
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Shippingport, PA 15077-0004

JOHN D. SEIBER
Vice President - Nuclear Group

412-993-1266

October 15, 1991

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Subject: Beaver Valley Power Station, Unit No. 2
Docket No. 50-412, License No. NPP-73
Proposed Operating License Change Request No. 57
(TAC No. 81758)

Enclosed are the following:

1. An application for amendment to the above license to provide for the use of VANTAGE 5H fuel in subsequent plant operating cycles. The proposed changes incorporate an increased control rod drop time and replace reference to the DNB limit and W-3 R-Grid correlation noted in the Bases with the safety analysis DNBR limit and WRB-1 correlation, respectively.

The proposed changes have been evaluated in accordance with approved methodology and have been shown to comply with the applicable acceptance criteria except for the locked rotor event. The results of a preliminary evaluation indicated the projected control room dose limits would be exceeded for this event. Therefore, development of a new X/Q value was initiated using the methodology authored by J. Ramsdell in NUREG/CR-5055. The new X/Q value will be used in a radiological analysis to evaluate the control room doses and verify that the results are within acceptable limits. Preliminary estimates indicate the control room doses are within the required limits. If the final results should indicate otherwise, we will notify the NRC accordingly. The analysis results will be maintained in a file and will be available for NRC review on request. Additional UFSAR changes to incorporate the locked rotor radiological analysis results will be documented in a future UFSAR update.

2. Documents designated Attachments A, B, C and D which set forth, respectively, the changes in the Technical Specifications, the safety analysis (including the no significant hazards evaluation), the typed replacement pages, and the Westinghouse report "Plant Safety Evaluation for Beaver Valley Power Station Unit 2" which provides the justification for the proposed changes.

This change has been reviewed by the Onsite Safety Committee and the Offsite Review Committee and was determined to be safe based on the attached safety analysis.

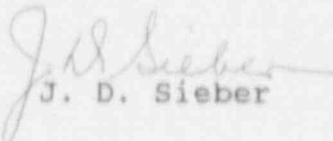
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The requested target date for approval of this proposed change is
March 15, 1992.

Sincerely,


J. D. Sieber

cc: Mr. J. Beall, Sr. Resident Inspector
Mr. T. T. Martin, NRC Region I Administrator
Mr. A. W. DeAgazio, Project Manager
Mr. T. M. Gerusky, Director BRP/DER
Mr. R. Janati, BRP/DER
Mr. M. L. Bowling (VEPCO)

ATTACHMENT A

Beaver Valley Power Station, Unit No. 2
Proposed Technical Specification Change No.57

Revise the Technical Specification as follows:

Remove Page

B 2-1
B 2-3
3/4 1-23
B 3/4 2-1
B 3/4 2-4
B 3/4 2-5
B 3/4 4-1

Insert Page

B 2-1
B 2-3
3/4 1-23
B 3/4 2-1
B 3/4 2-4
B 3/4 2-5
B 3/4 4-1