

July 6, 1988

Docket No. 50-334

Mr. J. D. Sieber, Vice President  
Nuclear Group  
Duquesne Light Company  
Post Office Box 4  
Shippingport, Pennsylvania 15077

Dear Mr. Sieber:

SUBJECT: BEAVER VALLEY, UNIT 1 (TAC NO. 66795)

Enclosed is a copy of the Environmental Assessment and finding of no significant impact which relates to your submittal dated December 7, 1987, requesting a license amendment to change Technical Specification 4.2.1.4 to require determination of the target flux difference by interpolating to the design end-of-cycle value, instead of interpolating to 0% at the end-of-life.

The Environmental Assessment is being forwarded to the Office of the Federal Register for publication.

Sincerely,

Original Signed By

Peter S. Tam, Project Manager  
Project Directorate I-4  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
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Mr. J. Seiber  
Duquesne Light Company

Beaver Valley Power Station  
Units 1 & 4

cc:

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UNITED STATES NUCLEAR REGULATORY COMMISSIONDUQUESNE LIGHT COMPANYOHIO EDISON COMPANYPENNSYLVANIA POWER COMPANYDOCKET NO. 50-334ENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. DPR-66 issued to Duquesne Light Company, et. al. (the licensee), for operation of the Beaver Valley Power Station, Unit 1, located in Beaver County, Pennsylvania.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment changes Technical Specifications (TS) Section 4.2.1.4 to require determination of the flux difference by interpolating to the design end-of-life value, instead of interpolating to 0% at the end-of-life.

The proposed amendment is in accordance with Duquesne Light Company's application dated December 7, 1987.

The Need for the Proposed Action:

The proposed change to the TS is needed since the revised method will provide a target flux difference that reflects actual core conditions more closely, and will aid the operators in maintaining reactor operation within allowable limits.

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Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to Technical Specifications. The proposed revision would only improve calculation of the target flux difference, and would have no other effect on plant design or operation. Therefore, the proposed change does not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this proposed action would result in no significant radiological environmental impact.

With regard to potential non-radiological impacts, the proposed change to the TS involves the reactor system which is located within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Prior Hearing in connection with this action was published in the Federal Register on February 2, 1988 (53 FR 2896). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Action:

Since the Commission concluded that there are no significant environmental effects that would result from the proposed action, any alternatives with equal or greater environmental impacts need not be evaluated.

The principal alternative would be to deny the requested amendment. This would not reduce environmental impacts of plant operation and would only continue to yield an operational parameter in a less accurate way than is actually possible.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statement for the Beaver Valley Power Station, Unit 1, dated July 1973.

Agencies and Persons Consulted:

The NRC staff reviewed the licensee's request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

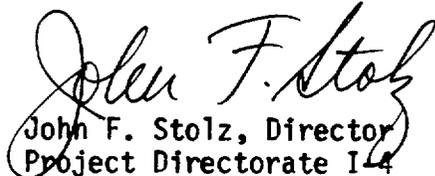
The Commission has determined not to prepare an environmental impact statement for the proposed license amendment.

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment.

For further details with respect to this action, see the application for amendment dated December 7, 1987, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the B. F. Jones Memorial Library, 663 Franklin Avenue, Allquippa, PA 15001.

Dated at Rockville, Maryland, this sixth day of July, 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Director  
Project Directorate I-4  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation