

April 18, 1988

Docket Nos. 50-387/388

Mr. Harold W. Keiser  
Senior Vice President-Nuclear  
Pennsylvania Power and Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT  
(TAC NOS. 67042 AND 67043)

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

In response to your letter dated January 8, 1988, the Commission is considering issuance of amendments for Susquehanna Steam Electric Station, Units 1 and 2. The proposed amendments would revise the provisions in the Susquehanna Units 1 and 2 Technical Specifications relating to the load profiles for 125 V dc batteries.

We have enclosed a copy of the Environmental Assessment and Finding of No Significant Impact for this proposed amendment which is being forwarded to the Office of the Federal Register for Publication.

Sincerely,

/s/

Walter R. Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosure: Environmental  
Assessment and Finding of  
No Significant Impact

cc: w/enclosure  
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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A handwritten signature in cursive script, reading "Walter R. Butler", is positioned above the typed name.

Walter R. Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation

Enclosure: Environmental  
Assessment and Finding of  
No Significant Impact

cc: w/enclosure  
See next page

Mr. Harold W. Keiser  
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station  
Units 1 & 2

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UNITED STATES NUCLEAR REGULATORY COMMISSION

PENNSYLVANIA POWER & LIGHT COMPANY

DOCKET NOS. 50-387 AND 50-388

ENVIRONMENTAL ASSESSMENT AND FINDING OF

NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering issuance of amendments to Facility Operating License Nos. NPF-14 and NPF-22, issued to Pennsylvania Power & Light Company, (the licensee), for operation of the Susquehanna Steam Electric Station, Units 1 and 2, located in Luzerne County, Pennsylvania.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The proposed amendment would revise the provisions in the Technical Specifications (TS) relating to the load profiles for 125V dc batteries.

The proposed action is in accordance with the licensee's application for amendment dated January 8, 1988.

The Need for the Proposed Action:

The proposed change to the TS is required in order to accommodate installation of ATWS Alternate Rod Injection solenoid valves, and to recognize increased loads associated with emergency lighting.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to Technical Specifications. The proposed revisions would allow the licensee to revise specification 4.8.2.1.d.2.b to reflect new load profiles for the 125V dc batteries and to delete redundant material in the Unit 2 Technical Specifications. The changes are necessary to accommodate the installation of

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ATWS Alternate Rod Injection to account for increased loads due to emergency lighting, and to delete some redundant information. The staff has determined that the revised load profiles will be within the design capacity of the affected batteries, and the deletion of redundant information is an editorial change. Therefore, the proposed changes do 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 systems 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 Hearing in connection with this action was published in the Federal Register on March 22, 1988 (53 FR 9387). 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 result in reduced operational flexibility.

Alternative Use of Resources:

This action does not involve the use of any resources not previously considered in the Final Environmental Statements for the Susquehanna Steam Electric Station, Units 1 and 2, dated June 1981.

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 January 8, 1988, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Osterhout Free Library, Reference Department, 71 South Franklin Street, Wilkes-Barre, Pennsylvania 18701.

Dated at Rockville, Maryland, this 18th day of April 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



Walter Butler, Director  
Project Directorate I-2  
Division of Reactor Projects I/II  
Office of Nuclear Reactor Regulation