

March 24, 1988

Docket Nos. 50-387/388

Mr. Harold W. Keiser
Vice President
Nuclear Operations
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. 66703 AND 66704)

RE: SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2

In response to your letter dated October 15, 1987, as supplemented by a letter dated October 30, 1987, the Commission is considering issuance of an amendment for Susquehanna Steam Electric Station, Units 1 and 2. The proposed amendment would revise the provisions in the Susquehanna Units 1 and 2 Technical Specifications relating to the required tolerance for diesel generator loading timers for Residual Heat Removal (RHR) pumps.

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

Enclosures: 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 that reads "Walter R. Butler".

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

Enclosures: 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 amendments would revise the provisions in the Technical Specifications (TS) relating to the required tolerance for diesel generator loading timers for Residual Heat Removal (RHR) pumps.

The proposed action is in accordance with the licensee's application for amendment dated October 15, 1987, as supplemented by a letter dated October 30, 1987.

The Need for the Proposed Action:

The proposed change to the TS is required in order to provide the licensee adequate upper timer setpoint tolerance for the RHR pumps to be loaded to the emergency diesel generators.

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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 revisions would allow the licensee to adjust upward (from +10% to +20%) the upper margin of the sequencing timer setpoint for the RHR pump loading on the diesel generator. The proposed changes to the timer setpoint will have a 0.5 second margin in the time window available for RHR pump loading. 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 January 28, 1988 (53 FR 2554). 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 October 15, 1987 and a supplement dated October 30, 1987 which are 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 24th day of March 1988.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script that reads "Walter R. Butler".

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