



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

January 9, 1986

Docket No. 50-388

Mr. Harold W. Keiser
Vice President
Nuclear Operations
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: ISSUANCE OF AMENDMENT NO. 21 TO FACILITY OPERATING LICENSE
NO. NPF-22 - SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 21 to Facility Operating License No. NPF-22 for the Susquehanna Steam Electric Station, Unit 2. This amendment is in response to your letter dated September 30, 1985. The amendment deletes License Condition 2.C.(14).

A copy of the related safety evaluation supporting Amendment No.21 to Facility Operating License NPF-22 is enclosed.

Sincerely,

Elinor Adensam, Director
of Project Directorate No. 3
Division of BWR Licensing

Enclosures:

1. Amendment No. 21 to NPF-22
2. Safety Evaluation

cc w/enclosures:
See next page

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Mr. Harold W. Keiser
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station
Units 1 & 2

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Susquehanna

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Attn: Coordinator, State Clearinghouse
P O. Box 1323
Harrisburg, Pennsylvania 17120

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Region III Office
Curtis Building
6th and Walnut Streets
Philadelphia, Pennsylvania 19106



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PENNSYLVANIA POWER & LIGHT COMPANY
ALLEGHENY ELECTRIC COOPERATIVE, INC.
DOCKET NO. 50-388
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 21
License No. NPF-22

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The application for amendment filed by the Pennsylvania Power and Light Company, dated September 30, 1985, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations set forth in 10 CFR Chapter I;
 - B. The facility will operate in conformity with the application, the provisions of the Act, and the regulations of the Commission;
 - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
 - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
 - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by deleting paragraph 2.C.(14) of the Facility Operating License No. NPF-22 which previously read as follows:

"(14) Control of Heavy Loads (Section 9.1.4, SSER#6)

Prior to startup following the first refueling outage, PP&L shall submit commitments necessary to implement changes in modifications required to fully satisfy the guidelines of Section 5.1.2 through 5.1.6 of NUREG 0612 (Phase II - nine month response to the NRC generic letter dated December 22, 1980)."

3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, appearing to read "Robert Bernero".

Robert Bernero, Director
Division of BWR Licensing

Date of Issuance: January 9, 1986



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION

AMENDMENT NO. 21 TO NPF-22

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

DOCKET NO. 50-388

Introduction

By letter dated September 30, 1985, Pennsylvania Power and Light Company (PP&L), the licensee for Susquehanna Steam Electric Station, Unit 2 requested deletion of License Condition 2.C.(14) concerning compliance with NUREG-0612, "Control of Heavy Loads at Nuclear Power Plants." The above license condition was initially imposed in the Susquehanna Unit 2 safety evaluation report and required that the licensee make commitments as necessary to satisfy the criteria of Phase II (Sections 5.1.2 through 5.1.6) of NUREG-0612 prior to startup from the first refueling outage.

Evaluation

Subsequent to the issuance of the Unit 2 license, the staff eliminated the need for further effort regarding compliance with the criteria of Phase II of NUREG-0612 on the basis of Phase I (Section 5.1.1) compliance and Phase II reviews to date. These Phase II reviews consisted of an evaluation of the responses for twelve randomly selected operating plants which formed a pilot program. The staff determined from these reviews that the majority of risk associated with heavy loads handling has been resolved by implementation of Phase I, and in addition, no further heavy loads handling concerns were identified from the Phase II pilot program reviews. It is, therefore, concluded that the objective identified in NUREG-0612 for providing "maximum practical defense in depth" is satisfied without the need for further action regarding Phase II. Therefore, the staff finds it acceptable to delete License Condition 2.C.(14) from License NPF-22. The above determination has been documented on a generic basis for all applicable plants in NRC Generic Letter 85-11.

Environmental Consideration

This amendment involves a change in the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 and a change in reporting requirements. The staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that this amendment involves no significant hazards consideration and there has been no public comment on such finding. Accordingly, this amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9) and (c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

Dated: January 9, 1986

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