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Docket No.: 50-387

Mr. Norman W. Curtis
 Vice President
 Engineering and Construction Nuclear
 Pennsylvania Power & Light Company
 2 North Ninth Street
 Allentown, Pennsylvania 18101

Dear Mr. Curtis:

Subject: Amendment No. 9 to Facility Operating License No. NPF-14 - Susquehanna
 Steam Electric Station, Unit 1

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 9 to Facility Operating License No. NPF-14 for the Susquehanna Steam Electric Station, Unit 1. The amendment is in response to your letter dated January 26, 1983. The amendment allows a total of 25 operational cycles on the recirculation discharge valve assemblies without the motor brake. Prior to exceeding the 25-cycle operational limit, PP&L shall qualify the Recirculation Discharge Valve assemblies including new Limitorque actuators.

A copy of the related safety evaluation supporting Amendment No. 9 to Facility Operating License NPF-14 is enclosed. Also enclosed is a copy of a related notice which has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:

Darrell G. Eisenhut, Director
 Division of Licensing
 Office of Nuclear Reactor Regulation

Enclosures:

1. Amendment No.9 to NPF-14
2. Safety Evaluation
3. Federal Register Notice

cc: See next page

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*No last injection
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 Notice on amendment
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Susquehanna

Mr. Norman W. Curtis
Vice President
Engineering and Construction
Pennsylvania Power & Light Company
Allentown, Pennsylvania 18101

ccs: Jay Silberg, Esquire
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Resident Inspector
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Susquehanna Environmental Advocates
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Environmental Coalition on Nuclear Power
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State College, Pennsylvania 16801

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Mail Code 395
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175 Curtner Avenue
San Jose, California 95125

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Office of Attorney General
505 Executive House
P. O. Box 2357
Harrisburg, Pennsylvania 17120

Susquehanna

cc: Governor's Office of State Planning & Development
Attn: Coordinator, State Clearinghouse
P O. Box 1323
Harrisburg, Pennsylvania 17120

Mr. Bruce Thomas, President
Board of Supervisors
R. D. #1
Berwick, Pennsylvania 18603

U. S. Environmental Protection Agency
Attn: EIS Coordinator
Region III Office
Curtis Building
6th and Walnut Streets
Philadelphia, Pennsylvania 19106

PENNSYLVANIA POWER & LIGHT COMPANY
ALLEGHENY ELECTRIC COOPERATIVE, INC.
DOCKET NO. 50-387
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 9
 License No. NPF-14

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The application for an amendment filed by the Pennsylvania Power & Light Company dated January 26, 1983 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;
 - 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 changes in paragraph 2.C.(23)(e) of the Facility Operating License No. NPF-14 to read as follows:

(23) Seismic and Dynamic Qualification

(e) Prior to exceeding the 25-cycle operational limit, PP&L shall qualify the Recirculation Discharge Valve assemblies (HV-1F031 A and B) including new Limitorque actuators. The replacement actuators shall be wired for torque seating type operation.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Date of Issuance: FEB 7 1983

*No legal objection
to form*

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

SAFETY EVALUATION
AMENDMENT NO. 9 TO NPF-14
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

Introduction

The licensee proposed an amendment to license condition 2.C.(23)(e) to the operating license for Susquehanna Steam Electric Station, Unit 1 to require qualification of the Recirculation Discharge Valve Assemblies (HV-1F031 A and B) prior to exceeding the 25-cycle operational limit vice before reaching the 25-cycle operational limit.

Evaluation

The licensee has requested a change in license condition 2.C.(23)(e) of License No. NPF-14 to read:

"Prior to exceeding the 25-cycle operational limit, PP&L shall qualify the Recirculation Discharge Valve assemblies (HV-1F031 A and B) including new Limatorque actuators. The replacement actuators shall be wired for torque seating type operation."

from the present wording which reads as follows:

"Before the 25-cycle operational limit is reached, PP&L shall replace Recirculation Discharge Valve assembly (HV-1F031 A and B) with fully qualified new assemblies including a new Limatorque actuator. The replacement actuators shall be wired for torque seating type operation."

Supplement No. 4 to the Susquehanna Safety Evaluation Report (NUREG-0776) states that 25 cycles of operation would not cause excessive seat leakage and, therefore, there is no safety impact from the effect of hard seating. Also, in Supplement No. 4 to the Safety Evaluation Report, the staff does not require replacement of the entire original valve assemblies as long as the new valve assemblies, which consist of qualified Limatorque actuators and the original valve bodies, are seismically and dynamically qualified as a unit. The full 25-cycles of operation are required to complete the power ascension program.

As a result of the above, we find this change in license condition 2.C.(23)(e) to be acceptable.

Environmental Consideration

We have determined that this amendment does not authorize a change in effluent types or total amount nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that this amendment involves action which is insignificant from the standpoint of environmental impact, and, pursuant to 10 CFR Section 51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered, does not create the possibility of an accident of a type different from any evaluated previously, and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration, (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) 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: FEB 7 1983

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-387

PENNSYLVANIA POWER & LIGHT COMPANY

ALLEGHENY ELECTRIC COOPERATIVE, INC.

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 9 to Facility Operating License No. NPF-14, issued to Pennsylvania Power & Light Company and Allegheny Electric Cooperative, Inc., for Susquehanna Steam Electric Station, Unit 1 (the facility) located in Luzerne County, Pennsylvania. This amendment grants changes to a license condition relating to the number of cycles allowed on Recirculation Discharge valve assemblies prior to replacement of the actuators and clarifies what constitutes a fully qualified Recirculation Discharge valve assembly. This amendment is effective as of the date of issuance.

The application for the amendment complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations. The Commission has made appropriate findings as required by the Act and the Commission's regulations in 10 CFR Chapter I, which are set forth in the license amendment. Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of this amendment will not result in any significant environmental impact and that pursuant to 10 CFR Section 51.5(d)(4) an environmental impact statement, or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of this amendment.

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For further details with respect to this action, see (1) the application for the amendment dated January 26, 1983; (2) Amendment No.9 to License MPF-14, dated FEB 7 1983 ; and (3) the Commission's evaluation dated FEB 7 1983 . All of these items are available for public inspection at the Commission's Public Document Room 1717 H Street, N. W., Washington, D. C. 20555, and at the Osterhout Free Library, Reference Department, 71 South Franklin Street, Wilkes-Barre, Pennsylvania 18701. A copy of items (1), (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 7th day of February 1983.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by:

A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing

*No legal objection
to file*

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