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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. 10 to Facility Operating License No. NPF-14 -
 Susquehanna Steam Electric Station, Unit 1

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 10 to Facility Operating License No. NPF-14 for the Susquehanna Steam Electric Station, Unit 1. The amendment is in response to your letter dated October 19, 1982 (PLA-1351). This amendment adds Fire Zone 1-2B and deletes Fire Zone 1-6A from Technical Specification 3.7.6.2 listing areas where spray and sprinkler systems shall be operable.

A copy of the related safety evaluation supporting Amendment No. 10 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

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

Enclosures:

1. Amendment No. 10 to NPF-14
2. Safety Evaluation
3. Federal Register Notice

cc w/ enclosures:
 See next page

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No legal objection

on

OFFICE	DL:LB#2/PM RPerch:pt	DL:LB#2/LA EHylton	OELD MCutchin	DL:LB#2/BC ASchwencer	DL:AD/L T.NAVAK		
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Vice President
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Allentown, Pennsylvania 18101

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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. 10
 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 October 19, 1982 (PLA-1351) 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.

1. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment and paragraph 2.C.(2) of the Facility Operating License No. NPF-14 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 10, and the Environmental Protection Plan contained in Appendix B, are hereby incorporated in the license. PP&L shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by

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

Attachment:
Changes to the Technical
Specifications

Date of Issuance: FEB 10 1983

*No legal effect
+1 since of attachment*

OFFICE	DL:LB#2XPM	DL:LB#2/LA	OELD	DL:LB#2/BC	DL:LB#2/LA		
SURNAME	RPerch:pt	EH	CUTCHIN	ASchwencer	TNOVAR		
DATE	12/15/82	12/15/82	12/16/82	2/3/83	12/10/83		

ATTACHMENT TO LICENSE AMENDMENT NO.
FACILITY OPERATING LICENSE NO. NPF-14
DOCKET NO. 50-387

Replace the following pages of the Appendix "A" Technical Specifications with enclosed pages. The revised pages are identified by Amendment number and contain vertical lines indicating the area of change.

REMOVE

3/4 7-35
3/4 7-36

INSERT

3/4 7-35
3/4 7-36

DESIGNATED ORIGINAL

Certified By



PLANT SYSTEMS

PLANT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

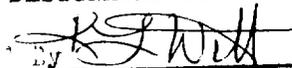
- b. At least once per 92 days by verifying that a sample of diesel fuel from the fuel storage tank, obtained in accordance with ASTM-D270-75, is within the acceptable limits specified in Table 1 of ASTM-D975-77 when checked for viscosity, water and sediment.
- c. At least once per 18 months by subjecting the diesel to an inspection in accordance with procedures prepared in conjunction with its manufacturer's recommendations for the class of service.

4.7.6.1.3 The diesel driven fire pump diesel starting 24-volt battery bank and charger shall be demonstrated OPERABLE:

- a. At least once per 7 days by verifying that:
 - 1. The electrolyte level of each pilot cell is above the plates,
 - 2. The pilot cell specific gravity, corrected to 77°F, is greater than or equal to 1.200,
 - 3. The overall battery voltage is greater than or equal to 24 volts.
- b. At least once per 92 days by verifying that the specific gravity is appropriate for continued service of the battery.
- c. At least once per 18 months by verifying that:
 - 1. The cell and battery racks show no visual indication of physical damage or abnormal deterioration, and
 - 2. Terminal connections are clean, tight, free of corrosion and coated with anti-corrosion material.

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PLANT SYSTEMS

SPRAY AND SPRINKLER SYSTEMS

LIMITING CONDITION FOR OPERATION

3.7.6.2 The following spray and sprinkler systems shall be OPERABLE:

- a. RCIC Pump Room, Unit 1
- b. HPCI Pump Room, Unit 1
- c. Upper Cable Spreading Room, Unit 1
- d. Lower Cable Spreading Room, Unit 1
- e. Diesel Generator A Room
- f. Diesel Generator B Room
- g. Diesel Generator C Room
- h. Diesel Generator D Room
- i. Fire Zones 1-3A and 1-3B
- j. Fire Zone 1-4A
- k. Fire Zone 1-5A
- l. Fire Zone 1-2B

APPLICABILITY: Whenever equipment protected by the spray and/or sprinkler systems is required to be OPERABLE.

ACTION:

- a. With one or more of the above required spray and/or sprinkler systems inoperable, within one hour establish a continuous fire watch with backup fire suppression equipment for those areas in which redundant systems or components could be damaged; for other areas, establish an hourly fire watch patrol. Restore the system to OPERABLE status within 14 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status.
- b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

DESIGNATED ORIGINAL



SAFETY EVALUATION
 AMENDMENT NO. 10 TO NPF-14
 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1
 DOCKET NO. 50-387

Introduction

The licensee in a letter dated October 19, 1982 (PLA-1351), proposed a change to the Technical Specifications of the operating license for Susquehanna Steam Electric Station, Unit 1 which is as follows:

In Technical Specification 3.7.6.2, add Fire Zone 1-2B and delete Fire Zone 1-6A from the listing of areas where spray and sprinkler systems shall be operable.

Evaluation

In Technical Specification 3.7.6.2, the licensee requested a change in Item 1 from "Fire Zone 1-6A" to read "Fire Zone 1-2B." The proposed change would delete Fire Zone 1-6A from the list of areas where sprinkler systems are required to be operable and adds Fire Zone 1-2B to the same list. In a letter dated January 11, 1983, PP&L provided additional information in support of the proposed technical specification change. The licensee stated in the letter that the error in the technical specification was a result of misinterpreting the Fire Zone corresponding to the installed sprinkler systems. The Susquehanna Fire Protection Design Report, Revision 1, indicates that Fire Zone 1-6A is an access area that contains no equipment essential for the safe shutdown of Unit 1. Fire Zone 1-2B does contain equipment essential to safe shutdown of Unit 1. Contrary to what is shown in the Fire Protection Design Report, Revision 1, Fire Zone 1-6A has no installed sprinkler system and Fire Zone 1-2B has a preaction sprinkler system installed. Since no equipment essential for safe shutdown of Unit 1 is contained in Fire Zone 1-6A, an automatic sprinkler system is not required in that zone. The current configuration of sprinkler systems for Fire Zones 1-6A and 1-2B is reflected in Revision 2 to the Susquehanna Fire Protection Design Report which is under staff review. The staff has reviewed the licensee's request for change to Technical Specification 3.7.6.2 and finds the change acceptable on the basis that no equipment essential to safe shutdown of Unit 1 is contained in Fire Zone 1-6A and equipment located in Fire Zone 1-2B essential to safe shutdown should be protected by operable spray and sprinkler systems and covered by the Limiting Condition for Operation of Technical Specification 3.7.6.2.

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 statement.

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SURNAME	issuance of this statement.			
DATE	8302240156	830210		
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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 10 1983

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SURNAME	RPerch :pt	REberly					
DATE	1/31/83	2/2/83					

UNITED STATES NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-387PENNSYLVANIA POWER & LIGHT COMPANYALLEGHENY ELECTRIC COOPERATIVE, INC.NOTICE OF ISSUANCE OF AMENDMENT TO FACILITYOPERATING LICENSE

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 10 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 Technical Specifications to add Fire Zone 1-2B and delete Fire Zone 1-6A from the listing of areas where spray and sprinkler systems shall be operable. 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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SURNAME	8302240160	830210					
DATE	PDR ADOCK	05000387					
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For further details with respect to this action, see (1) the application for the amendment dated October 19, 1982 (PLA-1351); (2) Amendment No. 10 to License NPF-14 dated February 10, 1983 ; and (3) the Commission's evaluation dated February 10, 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 10th 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 issue of ER notice*

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