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Docket No.: 50-387

Mr. Norman W. Curtis
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MPA
 TBarnhart (4)
 WMiller
 IDinitz
 WJones, OA (10)
 ACRS (16)
 BPCotter, ASLBP
 ARosenthal, ASLAP

Dear Mr. Curtis:

Subject: Amendment No. 2 to Facility Operating License No. NPF-14 - Susquehanna Steam Electric Station, Unit 1

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 2 to Facility Operating License No. NPF-14 for the Susquehanna Steam Electric Station, Unit 1. The amendment is in response to your letter, dated August 20, 1982. The amendment approves the use of the Final Safety Analysis Report (FSAR) as amended through Amendment 50 and modified by PP&L letter dated August 26, 1982, for conduct of the post-fuel-loading initial test program as set forth in Section 14 of the Susquehanna FSAR.

A copy of the related safety evaluation supporting Amendment No. 2 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,

15/
 B. J. Youngblood, Chief
 Licensing Branch No. 1
 Division of Licensing

Enclosures:

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

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OFFICE	DL:LB#1*	DL:LB#2	DL:LB#1	OELD*	DL:AD/L*		
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DATE	9/7/82	9/8/82	9/9/82	9/ /82	9/ /82		

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Subject: Amendment No. 2 to Facility Operating License No. NPF-14 - Susquehanna
 Steam Electric Station, Unit 1

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A copy of the related safety evaluation supporting Amendment No. 2 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,

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

Enclosures:

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2. Safety Evaluation
3. Federal Register Notice

No legal objection

OFFICE	DL:LB#1	DL:LB#2	DL:LB#1	OELD	DL:ADL	DL:DIR	
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DATE	9/7/82	9/7/82	9/7/82	9/8/82	9/8/82	9/ /82	

Susquehanna

SEP 8 1982

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Vice President
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President, Board of Supervisors
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SEP 8 1982

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Capitol Annex
Harrisburg, Pennsylvania 17120

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Office of Environmental Planning
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Room 813, Executive House
Harrisburg, Pennsylvania 17120

Department of Environmental Resources
ATTN: Director, Office of Radiological Health
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Harrisburg, Pennsylvania 17105

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Post Office Box 5444
Denver, Colorado 80217

EIS Review Coordinator (TECH SPECS ONLY)
EPA Region III
Curtis Building, 6th Floor
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. 2
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 August 20, 1982 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 1;
 - 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.(9) of the Facility Operating License No. NPF-14 to read as follows:

(9) Initial Test Program (Section 14, SER, SSER #1)

PP&L shall conduct the post-fuel-loading initial test program (set forth in Section 14 of the licensee's Final Safety Analysis Report, as amended through Amendment 50 and modified by PP&L letter dated August 26, 1982, (PLA-1257)) without making any major modifications of this program unless modifications have been identified and have received prior NRC approval. Major modifications are defined as:

- (a) Elimination of any test identified as essential in Section 14 of the licensee's Final Safety Analysis Report, as amended through Amendment 50 and modified by PP&L letter dated August 26, 1982, (PLA-1257);
- (b) Modifications of test objectives, methods or acceptance criteria for any test identified as essential in Section 14 of the

OFFICE		licensee's Final Safety Analysis Report, as amended through Amendment 50 and modified by PP&L letter dated August 26, 1982, (PLA-1257);				
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- (c) Performance of any test at a power level different from that described in the program; and
- (d) Failure to complete any tests included in the described program (planned or scheduled for power levels up to the authorized power level).

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

FOR THE NUCLEAR REGULATORY COMMISSION

15/
B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

Date of Issuance: SEP 8 1982

*See previous yellow.

OFFICE	DL:LB#1*	DL:LB#2	DL:LB#3	QELD*	DL:AD/L*		
SURNAME	MRushbrook/y	RPerch	BJYoungblood		TMNovak		
DATE	9/ /82	9/ /82	9/ /82	9/ /82	9/ /82		

- (c) Performance of any test at a power level different from that described in the program; and
- (d) Failure to complete any tests included in the described program (planned or scheduled for power levels up to the authorized power level).

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

FOR THE NUCLEAR REGULATORY COMMISSION

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

Date of Issuance:

*No legal objection
 to form of amendment*

OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	OELD	DL:AB/L	DL:DIR	
SURNAME	MRushak/y	RPerch	BJYoungblood	CUTCHIN	Trovak	DEisenhut	
DATE	9/7/82	9/7/82	9/7/82	9/8/82	9/7/82	9/ /82	

SAFETY EVALUATION
AMENDMENT NO. 2 TO NPF-14
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1
DOCKET NO. 50-387

Introduction

The licensee proposed an amendment to license condition 2.C.(9) to the operating license for Susquehanna Steam Electric Station, Unit 1 to utilize the Susquehanna Final Safety Analysis Report (FSAR), as amended through Amendment 49 to conduct the post-fuel-loading initial test program as set forth in Section 14 of the Susquehanna FSAR.

Evaluation

In Amendment 49 to the FSAR, Section 14, the licensee revised the "Shutdown from Outside the Main Control Room" test description to state that the test would be initiated by a reactor trip and main steam isolation valve (MSIV) closure from within the control room. The staff position, as stated in Regulatory Guide 1.68.2, is that the hot shutdown demonstration portion of the test including all initiating actions, be accomplished from outside the control room. While tripping the reactor, and shutting of MSIV's prior to control room evacuation may be a more likely and realistic event, and is consistent with written emergency procedures, the emergency procedures include alternate instructions for tripping the reactor and shutting the MSIVs from outside the control room. The staff position is that testing should be performed to demonstrate the capability to perform these actions from outside the control room. In a letter, dated August 26, 1982, the licensee committed to modify start-up test procedure ST-28, "Shutdown from Outside the Main Control Room" to include verifying that the reactor can be scrammed and the MSIVs can be closed from outside the main control room. On this basis, the staff finds the requested changes in Amendment 49 to Section 14 of the FSAR consistent with the criteria in the Standard Review Plan, Section 14.2. Amendment 50 to the Susquehanna FSAR was provided by PP&L letter, dated July 13, 1982. Amendment 50 made no changes to Section 14 of the FSAR, but is incorporated into the amended license condition 2.C.(9) for administrative purposes only. Therefore, the change to license condition 2.C.(9) to the operating license for Susquehanna Steam Electric Station, Unit 1, to utilize the Susquehanna FSAR, as amended through Amendment 50 is 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 statement.

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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: SEP 8 1982

OFFICE	DL:LB#1	DL:LB#2	DL:LB#1	DHFS:PTRB			
SURNAME	MRushbrook/y	RPerch	BJYoung/I	S. MACKAY			
DATE	9/7/82	9/7/82	9/7/82	9-8-82			

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. 2 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 the utilization of the Section 14, Susquehanna Final Safety Analysis Report as amended through Amendment 50, to conduct the post-fuel-loading initial test program. 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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USGPO: 1981-335-960

For further details with respect to this action, see (1) the application for the amendment dated August 20, 1982; (2) Amendment No. 2 to License NPF-14, dated, September 8, 1982 and (3) the Commission's evaluation dated September 8, 1982. All of these items are available for public inspection at the Commission's Public Document Room, 1717H 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 8th day of September 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

*See previous yellow.

OFFICE ▶	DL:LB#1	DL:LB#2*	DL:LB#1	OELD*			
SURNAME ▶	MRushbrook	RPerch	BJYoungblood				
DATE ▶	9/8/82	9/ /82	9/8/82	9/ /82			

For further details with respect to this action, see (1) the application for the amendment dated August 20, 1982; (2) Amendment No. 2 to License NPF-14, dated, ; and (3) the Commission's evaluation dated .

All of these items are available for public inspection at the Commission's Public Document Room, 1717H 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 th day of September 1982.

FOR THE NUCLEAR REGULATORY COMMISSION

B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing

*No legal objection
+ Review of notice*

OFFICE	DL:LB#1	DL:LB#2	DL:LB#3	OELD			
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DATE	9/7/82	9/7/82	9/7/82	9/8/82			