

Docket No.: 50-387

MAY 14 1984

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

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 22 to Facility Operating License No. NPF-14 for the Susquehanna Steam Electric Station, Unit 1. The amendment is in response to your letters dated June 27, 1983 and December 9, 1983. This amendment incorporates Changes N, O, and P to the Physical Security Plan and Changes A and B to the Security Training and Qualification Plan into License Condition 2.D. This amendment also deletes License Condition 2.C.(28)(b), Special Low Power Testing and Training.

A copy of the related safety evaluation supporting Amendment No. 22 to Facility Operating License NPF-14 is enclosed.

Sincerely,

Original signed by

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

Enclosures:

- 1. Amendment No.22 to NPF-14
- 2. Safety Evaluation

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Susquehanna, Unit 1 OL Amendment No. 22
Dated May 14, 1984

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

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

Amendment No. 22
License No. NPF-14

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
 - A. The applications for amendments filed by the Pennsylvania Power and Light Company, dated June 27, 1983 and December 9, 1983, comply 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 to paragraphs 2.C.(2), 2.C.(28)(b) and 2.D of the Facility Operating License No. NPF-14 to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 22, 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.

(28)(b) Special Low Power Testing and Training

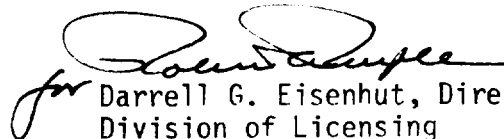
(DELETED)

- D. PP&L shall fully implement and maintain in effect all provisions of the Commission approved physical security, guard training and qualification, and safeguards contingency plans, including amendments made pursuant to the authority of 10 CFR 50.54(p). The approved plans, which contain Safeguards Information as described in 10 CFR 73.21, are collectively entitled:

"Susquehanna Steam Electric Station Physical Security Plan", Change A, dated July 31, 1978 (transmittal letter dated July 31, 1978); Change B, dated February 15, 1979 (transmittal letter dated February 15, 1979); Change C, dated August 15, 1979 (transmittal letter dated August 23, 1979); Change D, dated September 28, 1979 (transmittal letter dated October 8, 1979); Change E, dated May 22, 1980 (transmittal letter dated July 11, 1980); Change F, dated March 27, 1981 (transmittal letter dated April 8, 1981); Change G, Safeguards Contingency Plan Chapter 11) dated May 29, 1981 (transmittal letter dated June 5, 1981); Change H, (Safeguards Contingency Plan Chapter 11), dated June 26, 1981 (transmittal letter dated June 29, 1981); Change I, dated March 19, 1982 (transmittal letter dated March 26, 1981); Change J, dated April 1, 1982 (transmittal letter dated April 23, 1982); Change K, dated May 4, 1982 (transmittal letter dated May 5, 1982); Change L, dated July 9, 1982 (transmittal letter dated July 13, 1982); Change M, dated October 15, 1982 (transmittal letter dated October 25, 1982); Change N, dated April 25, 1983 (transmittal letter dated May 6, 1983); Change O, dated June 15, 1983 (transmittal letter dated June 16, 1983); Change P, dated June 27, 1983 (transmittal letter dated July 17, 1983); and "Susquehanna Security Training and Qualification Plan", Change A, dated August 26, 1981 (transmittal letter dated September 1, 1981); Change B, dated February 3, 1983 (transmittal letter dated February 11, 1983).

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: **MAY 14 1984**

D. PP&L shall fully implement and maintain in effect all provisions of the Commission approved physical security, guard training and qualification, and safeguards contingency plans, including amendments made pursuant to the authority of 10 CFR 50.54(p). The approved plans, which contain Safeguards Information as described in 10 CFR 73.21, are collectively entitled:

"Susquehanna Steam Electric Station Physical Security Plan", Change A, dated July 31, 1978 (transmittal letter dated July 31, 1978); Change B, dated February 15, 1979 (transmittal letter dated February 15, 1979); Change C, dated August 15, 1979 (transmittal letter dated August 23, 1979); Change D, dated September 28, 1979 (transmittal letter dated October 8, 1979); Change E, dated May 22, 1980 (transmittal letter dated July 11, 1980); Change F, dated March 27, 1981 (transmittal letter dated April 8, 1981); Change G, Safeguards Contingency Plan Chapter 11) dated May 29, 1981 (transmittal letter dated June 5, 1981); Change H, (Safeguards Contingency Plan Chapter 11), dated June 26, 1981 (transmittal letter dated June 29, 1981); Change I, dated March 19, 1982 (transmittal letter dated March 26, 1981); Change J, dated April 1, 1982 (transmittal letter dated April 23, 1982); Change K, dated May 4, 1982 (transmittal letter dated May 5, 1982); Change L, dated July 9, 1982 (transmittal letter dated July 13, 1982); Change M, dated October 15, 1982 (transmittal letter dated October 25, 1982); Change N, dated April 25, 1983 (transmittal letter dated May 6, 1983); Change O, dated June 15, 1983 (transmittal letter dated June 16, 1983); Change P, dated June 27, 1983 (transmittal letter dated July 17, 1983); and "Susquehanna Security Training and Qualification Plan", Change A, dated August 26, 1981 (transmittal letter dated September 1, 1981); Change B, dated February 3, 1983 (transmittal letter dated February 11, 1983).

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
Robert A. Purple

for

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

Date of Issuance: **MAY 14 1984**

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4/4/84

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EGH:ton
4/1/84

DL:LB#2/BC
ASchwencer
4/5/84

OELD
4/1/84

DL:AD/L
TMNovak
5/9/84

DL:DIR
DGEisenhut
5/16/84

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SAFETY EVALUATION
AMENDMENT NO. 22 TO NPF-14
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1
DOCKET NO. 50-387

Introduction

The licensee in letters dated June 27, 1983 and December 9, 1983 proposed amendments to license conditions 2.D. and 2.C.(28)(b), respectively, to the operating license for Susquehanna Steam Electric Station, Unit 1 as follows:

- (1) A revision to License Condition 2.D. was requested to include Changes N, O, and P to the Physical Security Plan and Changes A and B to the Security Training and Qualification Plan.
- (2) Deletion of License Condition 2.C.(28)(b) was requested to be consistent with the guidance given in NRC Generic Letter 83-24 dated June 29, 1983.

Evaluation

- (1) License Condition 2.D.

A safety evaluation addressing the Susquehanna Steam Electric Station Physical Security Plan and the Susquehanna Security Training and Qualification Plan, taking into account Changes N, O, and P to the Physical Security Plan and Changes A and B to the Security Training and Qualification Plan is presented in Section 13 of Supplement No. 6 to the Safety Evaluation Report Relating to Susquehanna Steam Electric Station, Units 1 and 2. The staff concludes the revision to License Condition 2.D of Operating License NPF-14 to add Changes N, O, and P to the Physical Security Plan and Changes A and B to the Security Training and Qualification Plan is acceptable and does not decrease the effectiveness of the Physical Security Plan or the Security Training and Qualification Plan. The staff also concludes that the revised Physical Security Plan, and Security Training and Qualification Plan continue to meet the requirements of 10 CFR 73.55 (b) through (h).

(2) License Condition 2.C.(28)(b)

As stated in Supplement No. 6 to the Safety Evaluation Report Related to Susquehanna Steam Electric Station, Units 1 and 2:

"In Supplement 1 the staff stated that it would review the applicant's safety analysis and test procedures for a simulated loss of onsite and offsite ac power test (station blackout or SBO test). This test was to be performed subject to a safety analysis finding that the test would not constitute a risk to public safety or a risk of damage to plant equipment. In Supplement 3 the staff stated that an analysis had been received from the applicant, but that it contained insufficient information. In a letter dated August 25, 1982, the applicant forwarded additional information. The staff evaluated the information and concluded, as reported in Generic Letter 83-24 dated June 29, 1983, that the SBO test is not warranted in view of the possibility of damage to plant equipment. This generic letter further stated that compliance with the BWR Owners Group recommendations in a letter dated February 4, 1981, constitutes an acceptable Item I.G.1 program.

In a letter dated August 19, 1983, the applicant reaffirmed his commitment to the BWR Owners Group recommendations.

On the basis of the applicant's commitment to the BWR Owners Group program and consistent with its position in the generic letter, the staff concludes that the applicant's program meets the requirements of Item I.G.1."

The staff also concludes that with the acceptable Item I.G.1 program, the SBO test is not warranted and PP&L's request for deletion of the SBO test as a condition to the operating license for Susquehanna Unit 1 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 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: **MAY 14 1984**

*SEE PREVIOUS CONCURRENCES.

DL:LB#2/PM
RLPerch:kw*
4/4/84

DL:LB#2/BC
ASchwencer*
4/5/84

W
OELD
W E Wagner
4/27/84

[Signature]
DL:AD/L
TMNovak
5/9/84

In a letter dated August 19, 1983, the applicant reaffirmed his commitment to the BWR Owners Group recommendations.

On the basis of the applicant's commitment to the BWR Owners Group program and consistent with its position in the generic letter, the staff concludes that the applicant's program meets the requirements of Item I.G.1."

The staff also concludes that with the acceptable Item I.G.1 program, the SBO test is not warranted and PP&L's request for deletion of the SBO test as a condition to the operating license for Susquehanna Unit 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 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:

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RLPerch:kw
4/4/84

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DL:LB#2/BC
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Susquehanna

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Susquehanna

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