

NOV 22 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. 53 TO FACILITY OPERATING LICENSE NO. NPF-14 -  
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 53 to Facility Operating License No. NPF-14 for the Susquehanna Steam Electric Station, Unit 1. The amendment is in response to your letter dated November 26, 1984. The amendment revises license conditions 2.A and 2.B.(2).

A copy of the related safety evaluation supporting Amendment No. 53 to Facility Operating License NPF-14 is enclosed.

Sincerely,  
*Walter R. Butler*  
Walter R. Butler, Chief  
Licensing Branch No. 2  
Division of Licensing

Enclosures:

- 1. Amendment No.53 to NPF-14
- 2. Safety Evaluation

cc: See next page

DL:LB#2  
EHytton:  
6/17/85

DL:LB#2  
M. Campagnone  
6/17/85

OEL  
J. G. Libbey  
9/15/85  
*with tracked changes to*  
WB

DL:LB#2  
WButler  
9/4/85

DL:AD/L  
TMNovak  
10/2/85

2. Accordingly, the license is amended by changes in paragraphs 2.A and 2.B.(2) of Facility Operating License No. NPF-14 to read as follows:

2.A This license applies to the Susquehanna Steam Electric Station, Unit 1, a boiling water nuclear reactor and associated equipment (the facility), owned by the licensees. The facility is located in Luzerne County, Pennsylvania, and is described in the licensees' Final Safety Analysis Report as supplemented and amended, and the licensees' Environmental Report as supplemented and amended.

2.B(2) PP&L, pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;

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

FOR THE NUCLEAR REGULATORY COMMISSION

Original Signed by  
Hugh L. Thompson, Jr.

Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Date of Issuance: NOV 22 1985

DL:LR#2  
EHytton  
06/11/85

DL:LR#2  
MCampagnone  
06/11/85

OELD  
J. Goldberger  
06/11/85  
95

DL:LR#2  
WButler  
09/14/85

DL:AD/L  
TNovak  
06/11/85

D:DL  
HThompson  
06/22/85

DISTRIBUTION

Docket File

NRC PDR

Local PDR

PRC System

LB#2 Reading

NSIC

EHylton

MCampagnone

OELD (*Cochran*)

ELJordan

BGrimes

JPartlow

TBarnhart(4)

LJHarmon

RDiggs



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

NOV 22 1984

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. 53 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. 53 to Facility Operating License NPF-14 is enclosed.

Sincerely,

A handwritten signature in cursive script that reads "Walter R. Butler".

Walter R. Butler, Chief  
Licensing Branch No. 2  
Division of Licensing

Enclosures:

1. Amendment No. 53 to NPF-14
2. Safety Evaluation

cc: See next page

Mr. Harold W. Keiser  
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station  
Units 1 & 2

cc:

Jay Silberg, Esq.  
Shaw, Pittman, Potts, & Trowbridge  
1800 M Street, N. W.  
Washington, D.C. 20036

Robert W. Alder, Esquire  
Office of Attorney General  
P.O. Box 2357  
Harrisburg, Pennsylvania 17120

Bryan A. Snapp, Esq.  
Assistant Corporate Counsel  
Pennsylvania Power & Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Mr. William Matson  
Allegheny Elec. Cooperative, Inc.  
212 Locust Street  
P. O. Box 1266  
Harrisburg, Pennsylvania 17108-1266

Mr. William E. Barberich  
Manager-Nuclear Licensing  
Pennsylvania Power & Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

Mr. Anthony J. Pietrofitta,  
General Manager  
Power Production Engineering  
and Construction

Mr. R. Jacobs  
Resident Inspector  
P.O. Box 52  
Shickshinny, Pennsylvania 18655

Atlantic Electric  
1199 Black Horse Pike  
Pleasantville, New Jersey 08232

Mr. R. J. Benich  
Services Project Manager  
General Electric Company  
1000 First Avenue  
King of Prussia, Pennsylvania 19406

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Mr. Thomas M. Gerusky, Director  
Bureau of Radiation Protection  
Resources  
Commonwealth of Pennsylvania  
P. O. Box 2063  
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



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

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. 53  
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 November 26, 1984 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.

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PDR ADOCK 05000387  
P PDR

2. Accordingly, the license is amended by changes in paragraphs 2.A and 2.B.(2) of Facility Operating License No. NPF-14 to read as follows:
  - 2.A This license applies to the Susquehanna Steam Electric Station, Unit 1, a boiling water nuclear reactor and associated equipment (the facility), owned by the licensees. The facility is located in Luzerne County, Pennsylvania, and is described in the licensees' Final Safety Analysis Report as supplemented and amended, and the licensees' Environmental Report as supplemented and amended.
  - 2.B(2) PP&L, pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended;
3. This amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Date of Issuance: NOV 22 1985



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

SAFETY EVALUATION

AMENDMENT NO.53 TO NPF-14

SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

DOCKET NO. 50-387

Introduction

By letter dated November 26, 1984, the licensees proposed an amendment to license conditions 2.A and 2.B.(2) to the operating license for Susquehanna Steam Electric Station, Unit 1.

The licensees' proposal modifies the wording of license conditions 2.A and 2.B.(2) such that the specific amendment number of the Final Safety Analysis Report (FSAR) and Environmental Report (ER) are not included in the License Conditions. The revised License Conditions read as follows:

- 2.A This license applies to the Susquehanna Steam Electric Station, Unit 1, a boiling water nuclear reactor and associated equipment (the facility), owned by the licensees. The facility is located in Luzerne County, Pennsylvania, and is described in the licensees' Final Safety Analysis Report as supplemented and amended, and the licensees' Environmental Report as supplemented and amended.
- 2.B(2) PP&L, pursuant to the Act and 10 CFR Part 70, to receive, possess, and use at any time special nuclear material as reactor fuel, in accordance with the limitations for storage and amounts required for reactor operation, as described in the Final Safety Analysis Report, as supplemented and amended.

Evaluation

At the time of issuance of the Susquehanna Unit 1 license, it was determined that the specific amendments to the FSAR and ER be included in the License Conditions so that the licensee would be explicitly committed to the FSAR and ER that were found acceptable at the time of licensing. Subsequently, the staff has found that this initial determination causes an unnecessary restriction on the licensee without any contribution to overall safety.

The licensee's proposal for Unit 1 is consistent with the as issued license conditions contained in the Unit 2 license. The basis for the licensee's proposal is 10 CFR 50.71(e) which states: "The updated FSAR shall be revised to include the effects of: all changes made in the facility or procedures as described in the FSAR; all safety evaluations performed by the licensee either in support of requested license amendments or in support of conclusion that changes did not involve an unreviewed safety question; and all analyses of new safety issues performed by or on behalf of the licensee at Commission request." This regulation provides assurance that any FSAR change will be reviewed by the utility via the safety evaluation process and that any changes that result in a safety question not previously reviewed and approved by the

staff shall be submitted at that time to the staff for review and approval. In addition 10 CFR 50.59(b) requires the licensee to maintain records that shall include a written safety evaluation which provides the bases for the determination that the change, test or experiment does not involve an unreviewed safety question. In view of the present requirements the staff finds that incorporation of the specific amendment number in License Conditions 2.A and 2.B.(2) serves no useful purpose.

Additionally the staff finds the inclusion of the specific amendment number for the ER to be unnecessary as the licensee is not required to and does not update the ER subsequent to licensing but is accountable for and abides by the plant specific Environmental Protection Plan.

### Conclusion

The staff finds based on the above evaluation that the licensees' proposal is acceptable. As stated above the regulations provide assurance that the FSAR and ER will be properly maintained.

### Environmental Consideration

This amendment changes requirements with respect to installation or use of facility components located within the restricted area as defined in 10 CFR Part 20. 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). 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.

### Conclusions

The staff has 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: NOV 22 1975