



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

JAN 15 1985

Docket No. 50-387/50-388

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 Nos. 28 and 5 to Facility Operating  
License No. NPF-14 and NPF-22 - Susquehanna Steam  
Electric Station, Units 1 and 2

The Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 28 and 5 to Facility Operating License No. NPF-14 and NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. The amendments are in response to your letter dated September 19, 1984. They revise License Condition 2.C.(23)(b) of Facility Operating License No. NPF-14 and License Condition 2.C.(8)(b) of Facility Operating License No. NPF-22.

A copy of the related safety evaluation supporting Amendment Nos. 28 and 5 to Facility Operating License NPF-14 and NPF-22 is enclosed.

Sincerely,

A handwritten signature in cursive script, appearing to read "Al Schwencer", is written over the typed name.

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

Enclosures:

1. Amendment Nos. 28 and 5  
to NPF-14 and NPF-22
2. Safety Evaluation

cc w/enclosures:  
See next page

8501230044 850115  
PDR ADOCK 05000387  
P PDR

JAN 15 1985

Issuance of Amendment No. 28 to Facility Operating Licence No NPF-14  
Susquehanna Steam Electric Station, Unit 1

Issuance of Amendment No. 5 to Facility Operating License No. NPF-22  
Susquehanna Steam Electric Station, Unit 2

DISTRIBUTION

Docket File

50-387

NRC PDR

Local PDR

PRC System

NSIC

LB#2 Reading

EHylton (2)

MJCampagnone

TNovak

JSaltzman, SAB

SGoldberg, OELD

OMiles

HDenton

JRutberg

AToalston

WMiller, LFMB

NGrace

EJordan

LHarman

DBrinkman, SSPB

TBarnhart (8)

RJacobs, Resident Inspector

EMcPeck, SSPB

DKasum, NMSS

Docket No. 50-387/50-388

JAN 15 1985

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 Nos. 28 and 5 to Facility Operating  
License No. NPF-14 and NPF-22 - Susquehanna Steam  
Electric Station, Units 1 and 2

The Nuclear Regulatory Commission has issued the enclosed Amendment Nos. 28 and 5 to Facility Operating License No. NPF-14 and NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. The amendments are in response to your letter dated September 19, 1984. They revise License Condition 2.C.(23)(b) of Facility Operating License No. NPF-14 and License Condition 2.C.(8)(b) of Facility Operating License No. NPF-22.

A copy of the related safety evaluation supporting Amendment Nos. 28 and 5 to Facility Operating License NPF-14 and NPF-22 is enclosed.

Sincerely,

Original signed by:

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

Enclosures:

1. Amendment Nos. 28 and 5  
to NPF-14 and NPF-22
2. Safety Evaluation

cc w/enclosures:

See next page

Previous concurrences concurred on by\*:

	ASchwencer	JGray, conditioned on inclusion of a notice of
	for	which is currently missing from package
LB#2/DL	LB#2/DL	OELD (Notice is presently in pkg-1/8/84)
*MCampagnone:dh	*EHylton	*JGray
12/24/84	12/26/84	12/27/84

w/minor  
correction on  
SER noted  
LB#2/DL  
\*ASchwencer  
12/26/84

AD/L/DL  
TMNoyak  
01/11/85

D/DL  
DE Schmut  
01/11/85

Docket No. 50-387/50-388

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 Nos.      and      to Facility Operating  
License No. NPF-14 and NPF-22 - Susquehanna Steam  
Electric Station, Units 1 and 2

The Nuclear Regulatory Commission has issued the enclosed Amendment Nos.      and      to Facility Operating License No. NPF-14 and NPF-22 for the Susquehanna Steam Electric Station, Units 1 and 2. The amendments are in response to your letter dated September 19, 1984. They revise License Condition 2.C.(23)(b) of Facility Operating License No. NPF-14 and License Condition 2.C.(8)(b) of Facility Operating License No. NPF-22.

A copy of the related safety evaluation supporting Amendment Nos.      and      to Facility Operating License NPF-14 and NPF-22 is enclosed.

Sincerely,

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

Enclosures:

1. Amendment Nos.      and      to NPF-14 and NPF-22
2. Safety Evaluation

cc w/enclosures:  
See next page

LB#2/DL  
MCampagnone:dh  
12/27/84

LB#2/DL  
EHylton  
12/26/84

DELD  
JG  
12/27/84

B#2/DL  
ASchwencer  
12/26/84

AD/L/DL  
TMNovak  
12/ /84

D/DL  
DEisenhut  
12/ /84

*RF - conditioned on inclusion of a notice of withdrawal which is currently missing. With minor correction to SER as noted.*

Susquehanna

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

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

Edward M. Nagel, Esq.  
General Counsel and Secretary  
Pennsylvania Power & Light Company  
2 North Ninth Street  
Allentown, Pennsylvania 18101

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

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

Mr. E. B. Poser  
Project Engineer  
Bechtel Power Corporation  
P. O. Box 3965  
San Francisco, California 94119

Mr. Thomas M. Gerusky, Director  
Bureau of Radiation Protection Resources  
Commonwealth of Pennsylvania  
P. O. Box 2063  
Harrisburg, Pennsylvania 17120

Mr. N. D. Weiss  
Project Manager  
Mail Code 391  
General Electric Company  
175 Curtner Avenue  
San Jose, California 95125

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

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



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

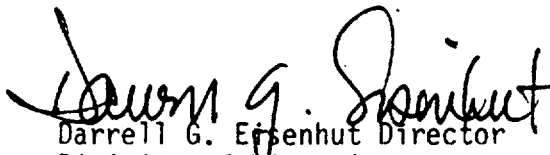
Amendment No. 28  
License No. NPF-14

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
  - A. The application for amendments filed by the Pennsylvania Power & Light Company, dated September 19, 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;
  - 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)(b) of the Facility Operating License No. NPF-14 to read as follows:

"Prior to use, PP&L shall complete qualification and documentation, as well as installation of the in-vessel rack.
3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

8501230047 850115  
PDR ADOCK 05000387  
P PDR

  
Darrell G. Eszenhut Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Date of Issuance JAN 15 1985



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

PENNSYLVANIA POWER & LIGHT COMPANY  
ALLEGHENY ELECTRIC COOPERATIVE, INC.  
DOCKET NO. 50-388  
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2  
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5  
License No. NPF-22

1. The Nuclear Regulatory Commission (the Commission or the NRC) having found that:
  - A. The application for amendments filed by the Pennsylvania Power & Light Company, dated September 19, 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;
  - 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.(8)(b) of the Facility Operating License No. NPF-22 to read as follows:

"Prior to use, PP&L shall complete qualification and documentation, as well as installation of the in-vessel rack."
3. This amendment is effective as of the date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in dark ink, appearing to read "Darrell G. Esenhut", is written over the typed name.

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

Date of Issuance JAN 15 1985



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

SAFETY EVALUATION  
AMENDMENT NO. 28 and 5 TO NPF-14 and NPF-22  
SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1 AND UNIT 2  
DOCKET NOS. 50-387 AND 50-388

Introduction

The licensee has proposed an amendment to license condition 2.C.(23)(b) and 2.C.(8)(b) to the operating license for Susquehanna Steam Electric Station, Unit 1 and Unit 2 respectively. The present license conditions require the licensee to seismically qualify the In-Vessel Rack (F22-E006) prior to commencement of the first refueling outage.

Evaluation

In a letter dated September 19, 1984 the licensee requested that these above license conditions for Units 1 and 2 be amended to require seismic qualification of the In-Vessel Rack prior to use of the rack. Current planning for the first refueling outage of each unit is to off-load appropriate portions of the core placing them in the spent fuel pool, followed by replacement of the corresponding fuel assemblies back to the core directly from the spent fuel pool, thereby eliminating the need for the in-vessel rack during the first refueling outage.

Consequently, there will be no need to qualify the In-Vessel Rack prior to the refueling outage. The capacity of the spent fuel pool can accommodate 10 refuelings (1 refueling = 1/3 core) plus an entire core.

Conclusion

The NRC staff finds the licensee's proposal acceptable, the proposed License Condition for both 2.C.(23)(b) SSES-1 and 2.C.(8)(b) SSES-2 respectively, is:

"Prior to use, PP&L shall complete qualification and documentation as well as installation for the in-vessel rack."

Environmental Consideration

This amendment involves a change in the installation or use of a facility component 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 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.

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: JAN 15 1985