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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 0500038
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co. 05000387
 RECIP. NAME: PARR, O.D. RECIPIENT AFFILIATION: Light Water Reactors Branch 3 05000388

SUBJECT: Forwards Revision 13 to FSAR, submitted as Amend 18 to OL application. *Rev 3-7-80 u*

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| INTERNAL: | <u>01 REG FILE</u> | 1 | 1 | 02 NRC PDR | 1 | 1 | |
| | 06 I & E | 2 | 2 | 08 OPERA LIC BR | 1 | 1 | |
| | 09 GEOSCIEN BR | 4 | 4 | 10 QAB | 1 | 1 | |
| | 11 MECH ENG BR | 1 | 1 | 12 STRUC ENG BR | 1 | 1 | |
| | 13 MATL ENG BR | 2 | 2 | 15 REAC SYS BR | 1 | 1 | |
| | 16 ANALYSIS BR | 1 | 1 | 17 CORE PERF BR | 1 | 1 | |
| | 18 AUX SYS BR | 1 | 1 | 19 CONTAIN SYS | 1 | 1 | |
| | 20 I & C SYS BR | 1 | 1 | 21 POWER SYS BR | 1 | 1 | |
| | 22 AD SITE TECH | 1 | 0 | 26 ACCDNT ANALYS | 1 | 1 | |
| | 27 EFFL TRT SYS | 1 | 1 | 28 RAD ASMT BR | 1 | 1 | |
| | 29 KIRKWOOD | 1 | 1 | AD FOR ENG | 1 | 0 | |
| | AD PLANT SYS | 1 | 0 | AD REAC SAFETY | 1 | 0 | |
| | AD SITE ANALYSIS | 1 | 0 | DIRECTOR NRR | 1 | 0 | |
| | HYDRO-METEOR BR | 2 | 2 | MPA | 1 | 0 | |
| | OELD | 1 | 0 | | | | |
| | EXTERNAL: | 03 LPDR | 1 | 1 | 04 NSIC | 1 | 1 |
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TWO NORTH NINTH STREET, ALLENTOWN, PA. 18101 PHONE: (215) 821-5151

December 12, 1979

Mr. Olan D. Parr, Chief
Light Water Reactors Branch No. 3
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
AMENDMENT #16 TO OPERATING LICENSE APPLICATION
ER 100450 FILE 841-1
PLA-422

DOCKET NOS. 50-387
50-388

Dear Mr. Parr:

Attached are sixty (60) copies of Amendment No. 18 to the operating license application. This amendment contains Revision No. 13 to Susquehanna SES Final Safety Analysis Report.

Very truly yours,

NW Curtis

N. W. Curtis
Vice President-Engineering & Construction

CTC:mg
9766

Copy to:

Mr. Thomas M. Gerusky
Director, Bureau of Radiation Protection
Fulton Building
P. O. Box 2063
Harrisburg, PA 17120

Attorney General
Department of Justice
Capitol Annex
Harrisburg, PA 17120

Governor's Office of State Planning & Development
ATTN: Coordinator, Pennsylvania State Clearinghouse
P. O. Box 1323
Harrisburg, PA 17120

Mr. Bruce Thomas
President, Board of Supervisors
R. D. #1
Berwick, PA

Mr. George Pence
U.S. Environmental
Protection Agency
Region III Office
Curtis Building (Sixth Floor)
6th & Walnut Streets
Philadelphia, PA 19106

Mr. J.E. Carson
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

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BEFORE THE
UNITED STATES NUCLEAR REGULATORY COMMISSION

In the Matter of

:

PENNSYLVANIA POWER &
LIGHT COMPANY

:


Docket Nos. 50-387 and 50-388

AMENDMENT NO. 18
APPLICATION FOR CLASS 103
OPERATING LICENSES FOR THE SUSQUEHANNA
STEAM ELECTRIC STATION
UNITS NO. 1 AND NO. 2

Applicant, Pennsylvania Power & Light Company, hereby files
Amendment No. 18 to its Operating License Application dated July 31, 1979.

This amendment contains Revision No. 13 to the Susquehanna SES
Final Safety Analysis Report which provides responses to NRC requests for
additional information. This amendment also contains corrections and
revisions to the Final Safety Analysis Report.

PENNSYLVANIA POWER & LIGHT COMPANY
BY:



N. W. Curtis
Vice President-Engineering & Construction

Sworn to and subscribed before me
this 13th of November, 1979.


David M. Landis
Notary Public

My Commission Expires: March 15, 1980

FSAR REVISIONS

The attached Revision 12 pages, tables, and Figures revise the Susquehanna Steam Electric Station Final Safety Analysis Report.

Remove

Insert

VOLUME 4

~~3.6-27~~

~~3.6-28~~

~~Table 3.6-3(2nd page)~~

~~Figure 3.7b-8~~

~~3.6-27~~

~~3.6-28~~

~~Table 3.6-3(2nd page)~~

~~Figure 3.7b-8~~

VOLUME 6

~~3.9-77~~

~~3.9-77a~~

~~3.10c-5~~

~~3.10c-6~~

-

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~~3.13-26~~

~~3.13-26c~~

~~3.13-26d~~

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~~3.9-77a~~

~~3.10c-5~~

~~3.10c-6~~

~~Table 3.10c-17 (Pages 1, 2, & 3)~~

~~3.13-25~~

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~~3.13-26c~~

~~3.13-26d~~

VOLUME 7

~~5.2-47~~

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~~5.2-54~~

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-

~~5.3-3~~

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~~5.2-52~~

~~5.2-53~~

~~5.2-53a~~

~~5.2-53b~~

~~5.2-54~~

~~5.3-3~~

Remove

~~5.3-4~~

~~5.3-5~~
~~5.3-6~~

~~5.3-7~~
~~5.3-8~~

~~5.3-9~~
~~5.3-10~~

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~~Figure 5.3-4a~~

~~Figure 5.3-4b~~

~~Figure 5.3-4c~~

~~Figure 5.4-13~~

-

VOLUME 8

~~Table 6.1-1a(Pages 1 & 2)~~

~~6.2-9~~
~~6.2-9a~~

~~6.2-23~~
~~6.2-23a~~

-
-

Insert

~~5.3-4~~

~~5.3-5~~
~~5.3-6~~

~~5.3-7~~
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~~5.3-9~~
~~5.3-10~~

~~5.3-10a~~
~~5.3-10b~~

~~Table 5.3-1a (Pages 1 & 2)~~

~~Table 5.3-1b (Pages 1 & 2)~~

~~Table 5.3-2a (Pages 1, 2 & 3)~~

~~Table 5.3-2b~~

~~Figure 5.3-4a~~

~~Figure 5.3-4b~~

~~Figure 5.3-4c~~

~~Figure 5.4-13a~~

~~Figure 5.4-13b~~

~~Table 6.1-1a (Pages 1 & 2)~~

~~6.2-9~~
~~6.2-9a~~

~~6.2-23~~
~~6.2-23a~~

~~6.2-23b~~
~~6.2-23c~~

Remove

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~~6.2-35~~
~~6.2-36~~

~~6.2-36a~~
~~6.2-36b~~

~~Table 6.2-15 (Page 1)~~

~~Table 6.2-15a (Pages 1 & 2)~~

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~~Table 6.2-21~~

~~Table 6.2-22~~

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~~Figure 6.2-62~~

~~Figure 6.2-63~~

~~Figure 6.2-64~~

~~Figure 6.2-65~~

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~~6.3-10~~

~~7.3-29~~
~~7.3-30~~

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Insert

~~6.2-23d~~
~~6.2-23e~~

~~6.2-23f~~
~~6.2-23g~~

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~~6.2-36a~~
~~6.2-36b~~

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~~Figure 6.2-61~~

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~~Figure 6.2-64~~

~~Figure 6.2-65~~

~~6.3-9~~
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~~7.3-30~~

~~7.3-30a~~
~~7.3-30b~~

Remove

Insert

VOLUME 10

~~7.4-21~~
~~7.4-22~~

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~~7.4-22~~

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~~7.4-24~~

~~7.4-23~~
~~7.4-24~~

~~7.4-24a~~
~~7.4-24b~~

~~Table 7.4-3 (Pages 1-8)~~

~~Table 7.4-3 (Pages 1-8)~~

~~Figure 7.7-13~~

~~Figure 7.7-13~~

~~8.1-3~~
~~8.1-4~~

~~8.1-3~~
~~8.1-4~~

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~~Table 8.1-1 Page 2~~

~~Table 8.1-1 Page 3~~

~~Table 8.1-1 Page 3~~

VOLUME 11

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~~8.3-23a~~

~~8.3-23~~
~~8.3-23a~~

~~8.3-23b~~
~~8.3-23c~~

~~8.3-23b~~
~~8.3-23c~~

~~8.3-35~~
~~8.3-36~~

~~8.3-35~~
~~8.3-36~~

~~Table 8.3-16~~

~~Table 8.3-16~~

Figure 8.3-9

Figure 8.3-9

Figure 8.3-12

Figure 8.3-12

VOLUME 12

~~10.2-3~~
~~10.2-3a~~

~~10.2-3~~
~~10.2-3a~~

~~10.4-5~~

~~10.4-5~~

Remove

~~10.4-6~~

~~10.4-6a~~
~~10.4-6b~~

~~Figure 10.4-9~~

Insert

~~10.4-6~~

~~10.4-6a~~
~~10.4-6b~~

~~Figure 10.4-9~~

VOLUME 13

~~11.4-7~~
~~11.4-8~~

~~11.4-7~~
~~11.4-8~~

~~Table 11.4-8~~

VOLUME 16

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~~021.25-1~~

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~~021.40-1~~

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~~021.54-1~~

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~~021.55-1~~

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~~021.64-1~~

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~~021.65-1~~

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~~021.71-1~~

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~~021.73-1~~

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~~021.74-1~~

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~~021.74-2~~

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~~021.74-3~~

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~~Figure 021.74-1 thru 021.74-33~~

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~~021.75-1~~

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~~021.76-1~~

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~~021.77-1~~

Remove

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~~032.40-1~~

~~040.30-1~~

~~040.30-2~~

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~~423.1-1~~

Insert

~~021.79-1~~

~~032.16-1~~

~~032.16-2~~

~~032.16-3~~

~~Figures 032.16-1 thru 032.16-29~~

~~032.17-1~~

~~032.40-1~~

~~040.30-1~~

~~040.30-2~~

~~121.3-1~~

~~211.33-1~~

~~211.35-1~~

~~211.58-1~~

~~211.58-2~~

~~211.87-1~~

~~211.129-1~~

~~211.130-1~~

~~211.131-1~~

~~321.6-1~~

~~321.6-2~~

~~331.10-1~~

~~362.15-1~~

~~422.1-1~~

~~422.1-2~~

~~423.1-1~~

Remove

~~423.1-2~~

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Insert

~~423.1-2~~

~~423.5-1~~

~~423.16-1~~

~~423.18-1~~