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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388  
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 CURTIS, N.W. Pennsylvania Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 SCHWENCER, A Licensing Branch 2

SUBJECT: Forwards Amend 43 to application to OLS, containing Revision 29 to FSAR. Revision corrects typographical errors & adds clarification & editorial changes.

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	IE/DEP/EPDB 35	1 1	IE/DEP/EPLB 36	3 3
	MPA	1 0	NRR/DE/CEB 11	1 1
	NRR/DE/EQB 13	3 3	NRR/DE/GB 28	2 2
	NRR/DE/HGEB 30	2 2	NRR/DE/MEB 18	1 1
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	NRR/DHFS/HFEB 40	1 1	NRR/DHFS/LQB 32	1 1
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	<u>NRR/DSI/RSB 23</u>	1 1	NRR/DST/LGB 33	1 1
	REG FILE 04	1 1	RGN1	2 2
	RGN4	2 2		
EXTERNAL:	ACRS 41	10 10	BNL (AMDTS ONLY)	1 1
	FEMA-REP DIV 39	1 1	LPDR 03	2 2
	NRC PDR 02	1 1	NSIC 05	1 1
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MEMORANDUM FOR THE RECORD

DATE: 1/15/50  
SUBJECT: [Illegible]

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**Pennsylvania Power & Light Company**

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

Norman W. Curtis  
Vice President-Engineering & Construction-Nuclear  
215 / 770-5381

March 22, 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Project Management  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555



SUSQUEHANNA STEAM ELECTRIC STATION  
AMENDMENT 43 TO OPERATING LICENSE APPLICATION  
ER 100450 FILE 841-1  
PLA-1046

Docket Nos. 50-387  
50-388

Dear Mr. Schwencer:

Attached are sixty (60) copies of Amendment No. 43 to the operating license application. This ammendment contains Revision 29 to the Susquehanna SES Final Safety Analysis Report.

This amendment contains the following changes:

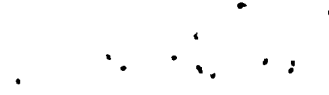
- o Section 2.5            Corrections to section references.  
  
                                 Corrections of typographical errors.  
  
                                 Additional clarification of determining  
                                 spray pond seepage.  
  
                                 Clarification that the soils beneath the  
                                 seismic Category I pipelines do not have  
                                 a liquefaction potential greater than the  
                                 soils beneath the spray pond.
- o Section 3.4            Correction of a typographical error.
- o Section 3.5            Corrections of typographical errors.  
  
                                 Clarification that the Berwick Airport  
                                 is no longer in operation.  
  
                                 Addition to the turbine missile analysis  
                                 to reference information provided in  
                                 responses to question.

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- o Section 3.8 Corrections of typographical errors.  
Clarification that small loads are attached to the containment liner plate.  
Corrections to section references.
- o Appendix 3.8B Addition to state that NRMCA provides additional tolerances for batching recorders.  
Corrections of typographical errors.
- o Appendix 3.8C Corrections of typographical errors.
- o Section 6.5 Corrections to the pressure maintained by the SGTS.
- o Section 8.1 Deletion of information which is presented in another FSAR section. The appropriate section references are provided.  
Corrections of typographical errors.  
Corrections to the method of isolating non-class IE load from Class IE power supplies for circuits 101 and 102 on Table 8.1-2.
- o Section 8.3 Addition of statement that each 4kV bus is provided with degraded grid protection.  
Corrections to load sequencing times on Table 8.3-1.  
Revisions to 15kV cables (aluminum) ampacities.  
Revisions to 5kV cable (aluminum) ampacities.  
Revisions to 600V cable (copper) ampacities in tray.  
Revisions to 600V cable (copper) ampacities in duct or embedded conduit.  
Revision to 600V cable ampacities in air corrections of typographical errors.
- o Section 9.1 Change to show increased make up for the fuel pool.  
Corrections of typographical errors.
- o Appendix 9A Corrections of typographical errors.
- o Section 10.3 Corrections of typographical errors.



[The text in this section is extremely faint and illegible due to low contrast and noise. It appears to be a multi-paragraph document.]

- o Section 11.1 Correction of typographical errors.
- o Section 12.1 Addition of a statement that the ALARA design reviews have been completed and the design modifications have been made.  
Corrections of typographical errors.
- o Section 12.2 Corrections to the estimated airborne concentrations of H-3 in the turbine building.  
Corrections of typographical errors.
- o Section 12.4 Revisions to the radiation exposures to Unit 2 construction workers when Unit 1 is in operation.  
Revisions to the man-rem estimates for operators.  
Corrections of typographical errors.
- o Section 12.5 Revisions to Health Physics Level II training.  
Corrections of typographical errors.
- o Section 15.0 Corrections of typographical errors.
- o Section 15.2 Corrections of typographical errors.
- o Section 15.4 Revision to the percent of normal rated diffuser flow in the active recirculation loop in the analysis of the abnormal startup of an idle recirculation pump.
- o Question 121.17 Response to question on ISI.
- o Question 211.112 Revision to state that the ODYN analysis has been submitted.
- o Question 211.180 Corrections of typographical errors.
- o Question 211.261 Revision to reference another question which responds to the question.



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o Question 423.28 Corrections of typographical errors.

Very truly yours,



N. W. Curtis  
Vice President, Engineering and Construction - Nuclear

NRC TRANS P:1

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