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 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania      05000387  
 AUTH. NAME      AUTHOR AFFILIATION  
 CURTIS, N.W.      Pennsylvania Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 SCHWENCER, A.      Licensing Branch 2

SUBJECT: Application for Amend 4 to License NPF-14 changing License Condition 5 re qualification of purge valves.

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EXTERNAL:	ACRS 41	10	10	BNL (AMDTs ONLY)	1	1
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THE UNITED STATES OF AMERICA  
 DEPARTMENT OF THE ARMY  
 OFFICE OF THE CHIEF OF STAFF  
 WASHINGTON, D. C.

REPORT OF THE CHIEF OF STAFF  
 ON THE PROGRESS OF THE ARMY  
 DURING THE YEAR 1964

Submitted to the President and the Congress  
 in accordance with the provisions of  
 Public Law 85-528, October 3, 1958

Category	Item	Value	Unit	Notes
Personnel	Active Personnel	1,000,000	Personnel	
	Reserve Personnel	500,000	Personnel	
	Contract Personnel	100,000	Personnel	
	Medical Personnel	100,000	Personnel	
	Aviation Personnel	100,000	Personnel	
	Special Operations Personnel	100,000	Personnel	
	Engineering Personnel	100,000	Personnel	
	Communications Personnel	100,000	Personnel	
	Transportation Personnel	100,000	Personnel	
	Supply Personnel	100,000	Personnel	
Equipment	Infantry Equipment	100,000	Equipment	
	Armored Division Equipment	100,000	Equipment	
	Artillery Equipment	100,000	Equipment	
	Aviation Equipment	100,000	Equipment	
	Special Operations Equipment	100,000	Equipment	
	Engineering Equipment	100,000	Equipment	
	Communications Equipment	100,000	Equipment	
	Transportation Equipment	100,000	Equipment	
	Supply Equipment	100,000	Equipment	
	Medical Equipment	100,000	Equipment	
Construction	Construction of Bases	100,000	Construction	
	Construction of Barracks	100,000	Construction	
	Construction of Hospitals	100,000	Construction	
	Construction of Schools	100,000	Construction	
	Construction of Mess Halls	100,000	Construction	
	Construction of Recreation Centers	100,000	Construction	
	Construction of Airports	100,000	Construction	
	Construction of Roads	100,000	Construction	
	Construction of Bridges	100,000	Construction	
	Construction of Water Supply Systems	100,000	Construction	
Maintenance	Maintenance of Equipment	100,000	Maintenance	
	Maintenance of Facilities	100,000	Maintenance	
	Maintenance of Personnel	100,000	Maintenance	
	Maintenance of Transportation	100,000	Maintenance	
	Maintenance of Communications	100,000	Maintenance	
	Maintenance of Supply	100,000	Maintenance	
	Maintenance of Medical	100,000	Maintenance	
	Maintenance of Aviation	100,000	Maintenance	
	Maintenance of Special Operations	100,000	Maintenance	
	Maintenance of Engineering	100,000	Maintenance	



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

SEP 14 1982

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION  
PROPOSED AMENDMENT 4 TO LICENSE NPF-14  
ER 100450 FILE 841-2  
PLA-1291

Docket No. 50-387

Dear Mr. Schwencer:

License condition #5 is proposed to be changed as follows:

Qualification of Purge Valves (Section 6.2.4, SSER #1)

(a) Until such time as qualification data for purge valves is provided to and approved by the NRC, operation of the purge and vent containment isolation valves by the licensee shall comply with the following configuration.

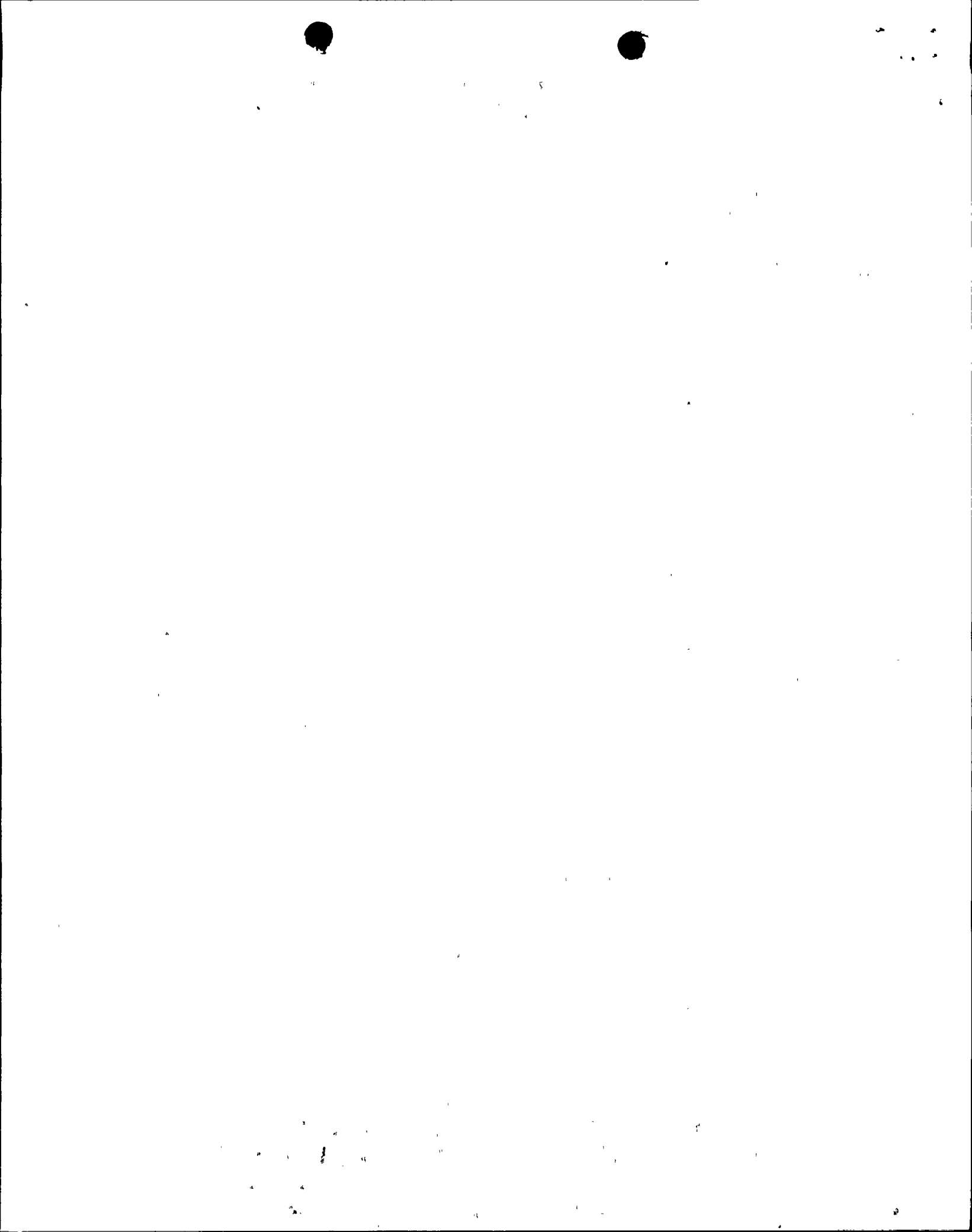
- 1) Close and electrically prohibit from opening valves HV-15704, HV-15714, HV-15721, HV-15722, HV-15723, HV-15724, and HV-15725.
- 2) Block to a maximum opening of no greater than 50 degrees valves HV-15703 and HV-15713.
- 3) Containment atmosphere control will be permitted using valves in lines no greater than two inches in diameter, which include but are not limited to valves HV-15705, HV-15711, SV-15736A, SV-15737, SV-15767, and SV-15776A.

(b) PP&L shall submit purge valve qualification documentation to the NRC by October 30, 1982.

This change is justified because the paths proposed for use to maintain containment atmosphere control contain qualified valves. Appropriate documentation has been submitted and NRC has approved operation with the large valves blocked to 50 degrees. The small valves (no greater than 2 inches in diameter) are qualified but have not been reviewed by NRC since they do not

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fall within the applicability of item II.E.4.2 in NUREG-0737. All paths used during this period will have two valves in series which will be maintained in an appropriate position to assure automatic isolation of the paths in the event of a LOCA. Since flow from the containment is limited by the 2 inch bypass valves (HV-15705 and HV-15711) the potential amount of radioactivity that can be released following a LOCA is much less than can be passed through the 18 and 24 inch valves. Therefore the proposed plant configuration is bounded by the normal configuration that can be used after NRC approval of final valve qualification data. Since the proposed configuration does not compromise plant safety, we request the license be amended as proposed to allow needed operational flexibility.

Very truly yours,



N. W. Curtis  
Vice President-Engineering & Construction-Nuclear

DPM/mks

cc: R. L. Perch - NRC



BEFORE THE  
UNITED STATES NUCLEAR REGULATORY COMMISSION

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In the Matter of :  
PENNSYLVANIA POWER & : Docket No. 50-387  
LIGHT COMPANY :

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AMENDMENT NO. 4  
FACILITY OPERATING LICENSE NO. NPF-14  
SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT NO. 1

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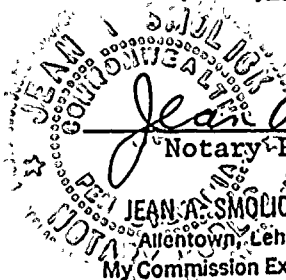
Licensee, Pennsylvania Power & Light Company, hereby files Amendment No. 4 to its Facility Operating License No. NPF-14 dated July 17, 1982.

This amendment contains a revision to License Condition 2 (c) (5).

PENNSYLVANIA POWER & LIGHT COMPANY  
BY:

  
\_\_\_\_\_  
N. W. Curtis  
V. P. Engineering and Construction-Nuclear

Sworn to and subscribed before me  
this 14<sup>th</sup> of September, 1982.

  
*Jean A. Smolick*  
Notary Public  
JEAN A. SMOLICK, Notary Public  
Allentown, Lehigh County, Pa.  
My Commission Expires May 14, 1984

CONFIDENTIAL

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