

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8209090022 DOC. DATE: 82/09/07 NOTARIZED: NO DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387  
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.  
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Suppl's util: 820805, response re License Condition 5. Util: will: block valves HV-15703 & HV-15713 to max opening of 50 degrees. Configuration to be maintained until NRCI approval of final qualification documentation to be submitted by 821030..

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	IE/DEP/EPDS 35.	1 1	IE/DEP/EPLB	36 3 3
	NRR/DE/AEAB	1 0	NRR/DE/CEB	11 1 1
	NRR/DE/EQB	13 3 3	NRR/DE/GB	28 2 2
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	NRR/DHFS/OLB	34 1 1	NRR/DHFS/PTRB	20 1 1
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	NRR/DSI/EISB	12 1 1	NRR/DSI/ICSB	16 1 1
	NRR/DSI/PSB	19 1 1	NRR/DSI/RAB	22 1 1
	NRR/DSI/RSB	23 1 1	NRR/DST/LGB	33 1 1
	REG FILE	04 1 1	RGN1	2 2
	RM/DDAMI/MIB	1 0		
EXTERNAL:	ACRS	41 10 10	BNL (AMDTS ONLY)	1 1
	DMB/DSG (AMDTS)	1 1	FEMA-REP DIV	39 1 1
	LPDR	03 2 2	NRCI PDR	02 1 1
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ВНЕШНЕЭКОНОМИЧЕСКИЕ СВЯЗИ СССР  
И ПОСРЕДСТВОМ КОТОРЫХ ОНИ РЕШАЮТСЯ  
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Pennsylvania Power & Light Company

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Norman W. Curtis  
Vice President-Engineering & Construction-Nuclear  
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SEP 07 1982

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

SUSQUEHANNA STEAM ELECTRIC STATION  
SUPPLEMENTAL RESPONSE TO LICENSE CONDITION #5  
ER 100450 FILE 841-2  
PLA-1278

Docket No. 50-387

Dear Mr. Schwencer:

This letter supplements our previous response to license condition #5 on August 25, 1982 (PLA-1235). In addition to the actions described in that response, PP&L will block valves HV-15703 and HV-15713 to a maximum opening of 50 degrees. All other non-qualified vent and purge valves in lines greater than 2 inches in diameter will be locked closed (as described in PLA-1235). The qualified valves that will be used for containment atmosphere control are in lines that are 2 inches or less in diameter. This plant configuration will be maintained until NRC approval of final qualification documentation, which will be submitted by October 30, 1982.

The purge valves supplied by Pratt Company for Susquehanna are the newer "1200 Series" valves, which utilize a smaller volume of seat seal rubber than the "older" Pratt design. This lower volume, when exposed to low temperatures, will result in lower gross shrinkage, or contraction, resulting in decreased probability of leakage. In addition, all purge valves at SSES are located within the confines of the reactor building, where the environment is controlled (to a minimum of 40°F, maximum of 104°F) by the reactor building HVAC system.

$P_o$  used in the Pratt stress analysis is defined as the actual shut off pressure. For Susquehanna, this  $P_o$  figure represents the difference between the upstream pressure and downstream pressure across the valve in the 90° full open position. This  $P_o$  figure was used in the empirical formulae for determination of disc pin stresses.

Very truly yours,

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

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P PDR

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DPM:mcb  
cc: Mr. R. L. Perch - NRC



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