

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8208310343      DOC. DATE: 82/08/25      NOTARIZED: NO      DOCKET #  
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania      05000387  
 AUTH. NAME      AUTHOR AFFILIATION  
 CURTIS, N.W.      Pennsylvania Power & Light Co.  
 RECIPIENT NAME      RECIPIENT AFFILIATION  
 SCHWENCER, A.      Licensing Branch 2

SUBJECT: Forwards draft "Analysis of Scram Discharge Vol Sys Piping Integrity," in response to SER Suppl 3 Item 3.11.5(2)(e), requiring updated environ qualification of equipment in Section 5.3 of NUREG-0803. No further action required.

DISTRIBUTION CODE: B001S      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 1+28  
 TITLE: Licensing Submittal; PSAR/FSAR Amdts & Related Correspondence

NOTES:

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	A/D LICENSNG		1	0	LIC BR #2 BC		1	0	
	LIC BR #2 LA		1	0	PERCH,R.	01	1	1	
INTERNAL:	ELD/HDS4		1	0	IE FILE		1	1	
	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	
	NRR/DE/HGEB 30		2	2	NRR/DE/MEB 18		1	1	
	NRR/DE/MTEB 17		1	1	NRR/DE/QAB 21		1	1	
	NRR/DE/SAB 24		1	1	NRR/DE/SEB 25		1	1	
	NRR/DHFS/HFEB40		1	1	NRR/DHFS/LQB 32		1	1	
	NRR/DHFS/OLB 34		1	1	NRR/DHFS/PTRB20		1	1	
	NRR/DSI/AEB 26		1	1	NRR/DSI/ASB 27		1	1	
	NRR/DSI/OPB 10		1	1	NRR/DSI/CSB 09		1	1	
	NRR/DSI/ETSB 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	
	<u>REG FILE</u> 04		1	1	RGN1		2	2	
	RM/DDAMI/MIB		1	0					
EXTERNAL:	ACRS 41	10	10		BNL (AMDT5 ONLY)		1	1	
	DMB/DSS (AMDT5)	1	1		FEMA-REP DIV 39		1	1	
	LPDR 03	2	2		NRC PDR 02		1	1	
	NSIC 05	1	1		NTIS		1	1	

TOTAL NUMBER OF COPIES REQUIRED: LTR 60 ENCL 54

*ADL*





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

AUG 25 1982

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

SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSE CONDITION NO. C(18)(a)  
ER 100450 FILE 841-2  
PLA-1249

Docket No. 50-387

Dear Mr. Schwencer:

The following provides the response to Susquehanna SER Supplement No. 3 item 3.11.5(2)(e), which is referenced in License Condition No. C(18)(a), which requires an updated environment qualification submittal to include all equipment covered by Section 5.3 of NUREG-0803 and justification for interim operation for the equipment not qualified for an SDV break environment.

The enclosed draft report, "Analysis of Scram Discharge Volume System Piping Integrity", NEDO-22209, documents the results of a BWR Owners' Group study to determine the probability of the loss of SDV piping integrity, and evaluates the contribution of such a loss to a core melt. This report is scheduled to be formally submitted to the NRC by the BWR Owners' Group on August 30, 1982. However, PP&L is submitting a preliminary copy at this time to allow sufficient time for an NRC review in order to support the present licensing schedule for Susquehanna SES Unit 1.

It is Pennsylvania Power & Light Company's position, based on the results of this report, that the probability of core damage initiated by a failure of the scram discharge volume piping integrity is sufficiently low so as to preclude the necessity of qualifying equipment to detect and/or mitigate the consequences of such an integrity loss. Consistent with these conclusions, it is our position that no further action is required for equipment qualification our system design modification recommendations of NUREG-0803.

This completes our action on this item.

Very truly yours,

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

CTC/mks

Enclosure

cc: R. L. Perch - NRC

8208310343 820825  
PDR ADOCK 05000387  
E PDR

13001



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

[Faint, illegible text scattered across the page, possibly bleed-through from the reverse side.]