

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9207280096 DOC. DATE: 92/07/21 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 KEISER, H.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 MILLER, C.L. Project Directorate I-2

SUBJECT: Provides results of Susquehanna SES site specific Control Room Cabinet temp measurements undertaken as part of SBO close-out effort, per 920513 ltr.

DISTRIBUTION CODE: A003D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: OR/Licensing Submittal: Suppl 1 to NUREG-0737 (Generic Ltr 82-33)

NOTES: LPDR 1 cy Transcripts. ; MAXWELL, G 05000387
 LPDR 1 cy Transcripts. ; MAXWELL, G 05000388

	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	PD1-2 LA		1	1		PD1-2 PD		1	1
	RALEIGH, J.		2	2					
INTERNAL:	NRR/DLEQ/LHFB11		1	1		OC/LFMB		1	0
	<u>REG FILE</u> 01		1	1		RES/DSIR/EIB		1	1
EXTERNAL:	NRC PDR		1	1		NSIC		1	1
NOTES:			2	2					

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 12 ENCL 10

MAY



Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 215/774-5151

JUL 21 1992

Harold W. Keiser
Senior Vice President-Nuclear
215/774-4194

Director of Nuclear Reactor Regulation
Attn.: Mr. C. L. Miller, Project Director
Project Directorate I-2
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
CONTROL ROOM CABINET TEMPERATURE CONCERN
PLA-3812 FILES A17-20F/R41-2**

Reference: PLA-3769, Resolution to Cabinet Temperature Concern, dated May 13, 1992.

Dear Mr. Miller:

The purpose of this letter is to present the results of the Susquehanna SES site specific Control Room Cabinet temperature measurements undertaken as part of the Station Blackout (SBO) close-out effort (above reference). PP&L has completed the committed temperature measurements with results confirming that for SBO cabinets without power supplies, the internal-to-external temperature difference is approximately 10°F or less. However, results of the cabinets which contain power supplies indicate slightly higher temperature differences.

For the cabinets with temperature differences of $\approx 10^\circ\text{F}$ or less, no operational problems due to overheating are expected in the first four hours of an SBO event. For the cabinets with temperature differences greater than 10°F, additional investigation is required to assure a heat-up problem does indeed exist. To resolve the concerns with those cabinets having higher ΔT s, the following program will be carried out. First, the limiting component(s) within these cabinets, in terms of heat endurance, will be determined. If the ambient temperature plus the measured ΔT is less than this limiting temperature, we believe all necessary instrumentation will function properly in the event of an SBO. Second, for those cabinets in which the ambient plus the delta temperature is greater than the most limiting component temperature, either the equipment or the SBO procedure will be modified (i.e. to open cabinet doors) to eliminate the temperature concern. This program will be completed within the two years allowed by the NRC for SBO compliance.

9207280096 920721
PDR ADOCK 05000387
P PDR

A003 1/0

The following information was obtained from the records of the
 Department of the Interior, Bureau of Land Management, on
 the date of the hearing held at the above captioned place
 on the 21st day of February, 1964, in the case of the
 application of the above captioned parties for the
 cancellation of the above captioned patent.

Questions regarding this response should be directed to Mr. A. K. Maron at (215) 774-7852.

Very truly yours,

A handwritten signature in cursive script, appearing to read "H. W. Keiser".

H. W. Keiser

cc: NRC Document Control Desk (original)
NRC Region I
Mr. G. S. Barber, NRC Sr. Resident Inspector
Mr. G. F. Maxwell, Acting NRC Project Manager

