

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8708140136 DOC. DATE: 87/08/10 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 AUTH. NAME AUTHOR AFFILIATION
 RYDER, T. S. Pennsylvania Power & Light Co.
 BYRAM, R. G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 85-025-01: on 850619; "B" trains of two ESF actuated due to trip of refuel floor wall exhaust duct radiation Detector B. Caused by buildup of contaminated particles on ventilation screen. Screen removed, cleaned & reinstalled. W/870810 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES: 1cy NMSS/FCAF/PM. LPDR 2cys Transcripts. 05000387

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	PD1-2 LA THADANI, M	1 1 1 1	PD1-2 PD	1 1
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/NAS	1 1
	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	DEDRO	1 1	NRR/DEST/ADE	1 0
	NRR/DEST/ADS	1 0	NRR/DEST/CEB	1 1
	NRR/DEST/ELB	1 1	NRR/DEST/ICSB	1 1
	NRR/DEST/MEB	1 1	NRR/DEST/MTB	1 1
	NRR/DEST/PSB	1 1	NRR/DEST/RSB	1 1
	NRR/DEST/SGB	1 1	NRR/DLPQ/HFB	1 1
	NRR/DLPQ/QAB	1 1	NRR/DOEA/EAB	1 1
	NRR/DREP/RAB	1 1	NRR/DREP/RPB	2 2
	NRR/PMAS/ILRB	1 1	<u>REG FILE</u> 02	1 1
	RES DEPY GI	1 1	RES TELFORD, J	1 1
	RES/DE/EIB	1 1	RGN1 FILE 01	1 1
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
	LPDR	2 2	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1
NOTES:		3 3		

TOTAL NUMBER OF COPIES REQUIRED: LTTR 48 ENCL 46

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Susquehanna Steam Electric Station - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 8 7	PAGE (3) 1 OF 0 1
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TITLE (4)
 ESF Actuation (SGTS and CREOASS - Ventilation Screen Contaminated).

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																																																																																															
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)																																																																																													
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LICENSEE CONTACT FOR THIS LER (12)

NAME T. S. Ryder - Power Production Engineer		TELEPHONE NUMBER	
		AREA CODE 7 1 7	5 4 2 - 3 2 3 5

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS

SUPPLEMENTAL REPORT EXPECTED (14)

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On June 19, 1985, the "B" trains of two Engineered Safety Features (Standby Gas Treatment and Control Room Emergency Outside Air Supply Systems) actuated at 1311 due to the trip of the refuel floor wall exhaust duct radiation detector "B". Two additional actuations of these ESF's occurred on that same date at 1630 at 1728. The monitor trips were all caused by the buildup of contaminated particles on the ventilation debris screen located 12 inches from the detector. The screen was removed, decontaminated and reinstalled. The decontamination reduced the radiation level in the area of the screen from 2.5 mR/hr. to 0.6 mR/hr. A subsequent evaluation determined that the debris screen was not necessary. To prevent recurrence of this event, the screen has been permanently removed and the affected design drawings have been revised accordingly.

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Pennsylvania Power & Light Company

P.O. Box 451 • Berwick, PA 18603-0451 • 717/542-2151

August 10, 1987

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 85-025-01
FILE R41-2
PLIS - 273

Docket No. 50-387
License No. NPF-14

Attached is updated Licensee Event Report 85-025-01. This event was determined reportable per 10CFR50.73(a)(2)(iv), in that two Engineered Safety Features (Standby Gas Treatment and Control Room Emergency Outside Air Supply Systems) actuated due to increased contamination in the vicinity of a radiation monitor. The LER has been updated to reflect revised action to prevent recurrence.

R. G. Byram
Superintendent of Plant - Susquehanna

TSR/cmw

cc: Mr. William T. Russell
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