

3150-0011

CONTROL BLOCK:

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1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	P	A	S	E	S	1	2	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	4			5	
7	8	9					14	15									25	26							30	37	44	58
		LICENSEE CODE						LICENSEE NUMBER										LICENSEE TYPE										

0	1	REPORT SOURCE	L	6	0	5	0	0	0	3	8	7	7	1	1	0	5	8	3	8	1	2	0	5	8	3	9				
7	8		60	61	DOCKET NUMBER								68	EVENT DATE								74	REPORT DATE								80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While performing a routine surveillance during two cold startups, (11/5/83 & 11/11/83), the APRM flow biased simulated thermal power-upscale scram (S) and neutron flux-upscale control rod block (SRB) trip setpoints were calculated to be greater than permitted by T.S. 3.2.2. The identification of the need for APRM gain adjustments is a routine occurrence. The verification of APRM setpoints is performed daily and within 12 hr. of a thermal power increase of at least 15%. There were no adverse effects to public health & safety, and no equipment failures.

SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE						COMP. SUBCODE		VALVE SUBCODE			
0	9	R	B	X	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z			
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21			
LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.							
17	8	3	—	1	5	4	/	0	3	L	—	0					
21	22	23	24	25	26	27	28	29	30	31	32						
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
E	Z	Z	Z	Z	Z	0	0	0	0	N	N	Z	Z	9	9	9	
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Power peaking inherent to xenon-free startups was the cause of 'S' and 'SRB' ex-
1 1 ceeding their allowable limits. As permitted by LCO 3.2.2 and directed by proced-
1 2 ure, the APRM gains were immediately adjusted to restore the setpoints to within
1 3 limits and notice of the gain adjustments posted on the appropriate control panel.
1 4

FACILITY STATUS			% POWER	OTHER STATUS	(30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION	(32)					
1	5	C	(28)	0	5	9	(29)	NA	(30)	B	(31)	Surveillance	(32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA 35

7 8 9 10 11 44

LOCATION OF RELEASE 36

NA 35 45 46

PERSONNEL EXPOSURES									
NUMBER				TYPE		DESCRIPTION			
1	7	0	0	0	Z	NA			

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	8	0	0	0	40 NA

LOSS OF OR DAMAGE TO FACILITY
TYPE DESCRIPTION (43)

1 9 2 (42) NA

8312200299 831205
PDR ADOCK 05000387
S PDR

PUBLICITY
ISSUED DESCRIPTION (45)

2 0 N (44) NA

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

NRC USE ONLY

NAME OF PREPARER L.A. Kuczynski

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Pennsylvania Power & Light Company

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December 5, 1983

Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 83-154/03L-0
FR 100450 FILE 841-23
PLA-1981

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-154/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that during the performance of a surveillance in accordance with Technical Specification 4.2.2 during two cold startups, the Average Power Range Monitor (APRM) flow biased scram and rod block setpoints were found to be less conservative than the allowable values in Technical Specification 3.2.2. The APRM gain adjustments were calculated and implemented in accordance with Technical Specifications and station procedures.

LER's 83-007/03L-0, 83-094/03L-0 and 83-121/03L-0 reported similar occurrences.

H.W. Keiser
Superintendent of Plant-Susquehanna

LAK/pjg

cc: G.G. Rhoads
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