NRC FORM 366
(12-81)
10 CFR 50

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB
3150-0011

LICENSEE EVENT REPORT

CONTROL BLOCK: 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	
	LICENSEE CODE	LICENSE NUMBER	LICENSE TYPE	CAT	

CON'T

0 1	REPORT SOURCE L ⑥	0 5 0 0 0 3 8 7 ⑦	1 1 2 6 8 3 ⑧	1 2 2 2 8 3 ⑨
		DOCKET NUMBER	EVENT DATE	REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

0 2 While performing surveillance on valve SV-15736A located in the return line from
0 3 the PASS Containment Radiation Detection System, and H_2/O_2 Analyzers, a dual indi-
0 4 cation was received when the valve position switch was placed in the "close" pos-
0 5 ition; resulting in the LCO as specified in T.S. 3.6.3.a. During this event a sec-
0 6 ond return line isolation valve remained closed; there were no consequences to the
0 7 health and safety of the public.
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	P E ⑪	B ⑫	X ⑬	V A L V E X ⑭	X ⑮	H ⑯

⑰ LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	1 5 9	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS ㉒	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER ㉖
Z ⑱	G ⑲	Z ⑳	Z ㉑	0 0 0 0	Y ㉓	N ㉔	A ㉕	T 0 2 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ㉗

1 0 Dual indication is due to infrequent valve operation; A list of Target Rock
1 1 solenoid valves has been identified; The current cycling frequency will be
1 2 investigated and when deemed necessary, this frequency will be increased.
1 3
1 4

	FACILITY STATUS	% POWER	OTHER STATUS ㉚	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION ㉜
1 5	E ㉘	1 0 0 ㉙	NA	B ㉛	Operator Observation

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY ㉟	LOCATION OF RELEASE ㊱
1 6	Z ㉝	Z ㉞	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION ㊴
1 7	0 0 0 ㊲	Z ㊳	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION ㊶
1 8	0 0 0 ㊵	NA

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LOSS OF OR DAMAGE TO FACILITY ㊸

	TYPE	DESCRIPTION
1 9	Z ㊷	NA

8401120260 831222
PDR ADOCK 05000387
S PDR

PUBLICITY

	ISSUED	DESCRIPTION ㊺	NRC USE ONLY
2 0	N ㊹	NA	

NAME OF PREPARER B.L. Wilks PHONE: (717) 542-2181

ATTACHMENT

LER # 83-159/03L-0

Pennsylvania Power & Light Company
Susquehanna Steam Electric Station
Docket Number: 50-387

While performing Surveillance Procedure SO-173-003 on November 26, 1983, Valve SV-1573A, one of two isolation valves in the return line from the Post Accident Sampling System (PASS) Containment Radiation Detection System and H_2/O_2 Analyzer gave a dual indication when its position switch was placed in the "close" position. The valve position switch was then placed in the "open" position and the correct indication was noted. The position switch was again placed in the "close" position and a dual indication was again received. A Limiting Condition for Operation in accordance with the action statement specified by Technical Specification 3.6.3.a was initiated; the second valve in the return line remained closed in compliance with this LCO.

A work authorization was written and on November 26, 1983, valve SV-15736A was retested with the valve indications operating properly every time; The LCO was cleared on this date. An additional work authorization for further investigation into the dual indication was pursued between December 7 through 12, 1983. During this investigation valve SV-157 6A was again stroked successfully on December 7 and 12 with the valve indication operating properly. Investigations on December 10, 1983 revealed, after removing the valve limit switch cover, all limit switch terminations were secure and all contact/terminations free of corrosion. Dual indication is due to infrequent valve operation; A list of Target Rock solenoid valves has been identified; The current cycling frequency will be investigated and when deemed necessary, this frequency will be increased. Since the second return line isolation valve remained closed, there were no consequences to the health and safety of the public.

PP&L Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101 • 215/770-5151

December 22, 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 83-159/03L-0
ER 100450 FILE 841-23
PLA-2014

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-159/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that during surveillance one of the two isolation valves in the return lines for the Post Accident Sampling System (PASS) Containment Radiation Detection System and H_2/O_2 Analyzers gave indication of not stroking fully when the select switch was placed in the "close" position. The Limiting Conditions for Operation (LCO) per Technical Specification Action Statement 3.6.3.a were implemented. Further investigation resulted in no recurrance of dual indication; the LCO was cleared and the valve returned to service.

During this event, the second isolation valve in the return line remained closed. There were no consequences to the health and safety of the public.

H.W. Keiser
Plant Superintendent-Susquehanna SES

BLW/pjg

Attachment

cc: L. Plisco
Resident Inspector
U.S. Nuclear Regulatory Commission
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Shickshinny, PA 18655

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Washington, DC 20555

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