Update Report - Previous Report Date October 12, 1983.

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)

Line	Field	Entry
01	LICENSEE CODE (2)	P A S E S 1
	LICENSE NUMBER (3)	0 0 - 0 0 0 0 0 - 0 0
	LICENSE TYPE (4)	4 1 1 1 1
	CAT (5)	
CON'T 01	REPORT SOURCE (6)	L
	DOCKET NUMBER (7)	0 5 0 0 0 3 8 7
	EVENT DATE (8)	0 9 1 2 8 3
	REPORT DATE (9)	0 9 1 7 8 5

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During a monthly surveillance test, Diesel Generator Monthly Operability Test,
03 generator 'C' tripped on overexcitation. The test was classified as non-valid in
04 accordance with Reg. Guide 1.108, Section c.2.e because the trip was caused by a
05 condition which is bypassed during emergency operations. Diesel generator capabil-
06 ity to function as designed during emergency conditions was not affected. There
07 were no adverse effects to public health and safety.
08

09	SYSTEM CODE (11)	CAUSE CODE (12)	CAUSE SUBCODE (13)	COMPONENT CODE (14)	COMP. SUBCODE (15)	VALVE SUBCODE (16)
	E E	X	Z	Z Z Z Z Z Z	Z	Z

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	1 3 4	/	0 3	X	—	1

ACTION TAKEN (18)	FUTURE ACTION (19)	EFFECT ON PLANT (20)	SHUTDOWN METHOD (21)	HOURS (22)	ATTACHMENT SUBMITTED (23)	NPRD-4 FORM SUB. (24)	PRIME COMP. SUPPLIER (25)	COMPONENT MANUFACTURER (26)
X	X	Z	Z	0 0 0 0	Y	Y	Z	Z 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Diesel tripping logic was verified operational, diesel field current and relay
11 operation verified, and eliminated as causes of the trip. It was determined that
12 a voltage perturbation on the off-site grid interfacing with the site system was
13 the cause of the trip. A follow-up surveillance test was successfully completed
14 4 hours after completion of the on-site investigation.

15	FACILITY STATUS (28)	% POWER (29)	OTHER STATUS (30)	METHOD OF DISCOVERY (31)	DISCOVERY DESCRIPTION (32)
	E	1 0 0	NA	B	Routine surveillance

16	ACTIVITY RELEASED (33)	CONTENT OF RELEASE (34)	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
	Z	Z	NA	NA

17	PERSONNEL EXPOSURES NUMBER (37)	TYPE (38)	DESCRIPTION (39)
	0 0 0	N	NA

18	PERSONNEL INJURIES NUMBER (40)	DESCRIPTION (41)
	0 0 0	NA

8510070007 850917
PDR ADOCK 05000387
S PDR

19	LOSS OF OR DAMAGE TO FACILITY TYPE (42)	DESCRIPTION (43)
	Z	NA

20	PUBLICITY ISSUED (44)	DESCRIPTION (45)	NRC USE ONLY
	N	NA	

NAME OF PREPARER L.A. Kuczynski PHONE (717) 542-3759

IE22 1/1

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ATTACHMENT

LER # 83-134/03X-1

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

During its monthly surveillance test, diesel generator 'C' tripped on overexcitation 43 minutes into a one hour run. The test was classified as non-valid in accordance with Regulatory Guide 1.108, Section c.2.e because the trip was caused by a condition bypassed during emergency operation. It has been verified that there have been no failures in the last 100 valid tests.

A follow-up diesel surveillance test was conducted after the trip, and completed satisfactorily. The LCO period was 2 hours, 48 minutes. Diesel tripping logic has been verified operational and diesel field current and relay operation verified. It was determined that a voltage perturbation on the grid interfacing with the site electrical system was the cause of the trip.

The current surveillance frequency remains at 31 days in conformance with Tech Spec Table 4.8.1.1.2-1 and Reg Guide 1.108, Section c.2.d.

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

September 17, 1985

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 83-134/03X-1
ER 100450 FILE 841-23
PLAS- 116

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-134/03X-1. This event was determined to be reportable per Technical Specification 4.8.1.1.3, in that during the performance of a routine monthly surveillance test, diesel generator 'C' tripped on over excitation. Applicable Action statements within Technical Specification 3.8.1.1 were implemented, the associated diesel generator protective relaying and trip circuits verified operational, and a successful surveillance test completed. The respective Limiting Condition for Operation was terminated four (4) hours after the initiating event, and the diesel generator restored to an operable status. A follow-up investigation into the specific cause of the trip has been completed.

T.M. Crimmins, Jr.
Superintendent of Plant-Susquehanna

LAK/pjg

Attachment

cc: Mr. R.H. Jacobs
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 52
Shickshinny, PA 18655

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IE22