NRC FORM 366 U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB (12-81) 10 CFR 50 LICENSEE EVENT REPORT 3150-0011 CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION) 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 1 4 0 1 PASES120 CON'T REPORT L 60 5 0 0 0 3 8 7 7 0 8 0 9 8 3 8 0 9 0 8 8 3 9 SOURCE 1 EOCKET NUMBER 55 59 EVENT DATE 74 75 REPORT DATE 80 0 1 EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 0 2 With the unit at 100% power, I&C personnel performed a scheduled preventive main-0 3 tenance (PM) calibration check of the SGTS train 'A' HEPA filter differential pressure transmitter. Upon completion of the PM, operations personnel started the 0 4 0 5 SGTS 'A' train for a routine operability check. The fan tripped on low heater differential temperature. Since the redundant 100% capacity SGTS train was avail-0 6 able for service, public health and safety were not affected. 0 7 0 8 8.0 COMP. CODE CAUSE CAUSE VALVE COMPONENT CODE (12) Z 13 Z ZZZ Z (15) Z (16) 0 9 Z (14 SEQUENTIAL REPORT NO. OCCURRENCT REPOR REVISION CODE LER/RO 17 AEPORT 031 8 | 3 1 1 4 101 28 32 HOURS 22 ATTACHMENT NPRD-4 SUBMITTED FORM SUB. EFFECT ON PLANT SHUTDOWN MANUFACTURER 26 ACTION PRIME COMP. ACTION SUPPLIER Z 21 Y 24 (19) G (18) Z Z 20 Z 25 Z 9 9 9 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The PM, as written, supplied an air flow signal to the main duct heater circuitry. 1 0 Without actual flow through the system heater, temp. increased to the Manual Reset 1 1 Temp. Cutout Switch setpoint, which de-energized the heater and prevented auto-2 3 | matic heater operation. This caused the low differential temp. signal which caused 1 1 4 the fan trip. The PM has been revised to prevent recurrance. 80 FACILITY METHOD OF OTHER STATUS (30) DISCOVERY DESCRIPTION (32 5 E 28 1 0 0 29 B 31 Maintenance investigation NA 1 10 13 45 80 8 9 10 ACTIVITY CONTENT RELEASED OF RELEASE 12 44 AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36) LZ 3 LZ 3 1 6 NA NA 10 11 PERSONNEL EXPOSURES NUMBER 0 0 0 37 Z 38 NA 2 11 12 PERSONNEL INJURIES DESCRIPTION (41) NUMBER 0 0 0 0 1 8 NA 11 80 LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION 8309190240 830908 PDR ADOCK 05000387 (43) Z (42) 1 9 NA PDR G FUBLICITY ISSUED DESCRIPTION (45) NRC USE ONLY IN (44) 2 0 NA PHONE (717) 542-2181 NAME OF PREPARER L.A. Kuczynski 1827

## ATTACHMENT

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

On August 9, 1983, I&C personnel performed a regularly scheduled preventive maintenance (PM) calibration check of the Standby Gas Treatment System (SGTS) train 'A' high efficiency particulate air (HEPA) filter differential pressure (dp) transmitter. This was the first performance of the PM which is scheduled to be performed every two years. The transmitter checked out properly. The PM, as written, supplied an air flow signal to the main duct heater circuitry. Without actual flow through the system heater, temp. increased to the Manual Reset Temp. Cutout Switch setpoint, which de-energized the heater and prevented automatic heater operation. Upon completion of the PM, operations personnel started the SGTS 'A' train as a routine operability check. The train's fan tripped on a low differential temperature signal from the main duct heater. Investigation of the fan trip showed the Manual Reset Temperature Cutout Switch had actuated during implementation of the PM which energized the heaters. Actuation of the switch de-energized the heaters. During the subsequent operability check of the SGTS train, the fans tripped after a time delay because of low heater differential temperature. The switch was reset and the SGTS 'A' train tested satisfactorily. The appropriate PM's for both the 'A' and 'B' SGTS trains have been revised to prevent recurrence of this event. No further actions are required.



## Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

September 8, 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 83-114/03L-0 ER 100450 FILE 841-23 PLA- 1831

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-114/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that the 'A' train of the Standby Gas Treatment System (SGTS), when started for a routine operability check after the performance of a scheduled preventive maintenance activity, tripped during the starting sequence. This caused entry into Limiting Condition for Operation 3.6.5.3. The system's heater Manual Reset Temperature Cutout switch was reset, the SGTS run satisfactorily and the LCO cleared.

Konganofor

H.W. Keiser Superintendent of Plant-Susquehanna

LAK:pjg

Attachment

cc: G.G. Rhoads Resident Inspector U.S. Nuclear Regulatory Commission P.O. Box 52 Shickshinny, PA 18655

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