

3150-0011

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ATTACHMENT

LER # 83-100/03X-1

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

On July 7, 1983, at 2003, an alarm was received in the main control room of trouble with the "A" channel of the Containment Atmosphere Control (CAC) System.

Tech Spec LCO 3.4.3.1 was entered because the "B" channel of the CAC was unavailable for service due to a series of previously identified problems. Investigation showed that the thermal overload heaters had actuated on the operating "A2" sample pump. The heaters were reset and the "A1" sample pump was placed in service at 2012, which cleared the LCO. At 2229, the trouble alarm was again received in the control room. The "A1" pump had tripped on thermal overload. The heater was reset and the "A2" pump placed in service at 2237, which cleared the LCO.

At 1605 on July 8, 1983, the main control room trouble alarm was again received for the "A" channel. The in-service pump was found tripped and was restarted. At 1630 the gaseous radiation monitor in the "A" channel failed. (Refer to LER 83-101/03L-0.) The "A1" pump continued to run to provide particulate monitoring until it tripped once more at 1400 on July 10. The thermal overload heaters were again reset and the pump restarted at 1445.

Each of the CAC channels is housed within a separate cabinet (1C227A and 1C227B) in the Reactor Building. Investigation attributes the cause of repeated thermal overload trips of the sample pumps to internal cabinet temperatures in excess of 180°F. A modification to the cabinets to relocate electronic modules from the existing panels has been completed. No further actions are planned.



July 16, 1985

SUSQUEHANNA STEAM ELECTRIC STATION
PO BOX 467, BERWICK, PA 18603

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 83-100/03X-1
ER 100450 FILE 841-23
PLAS-101

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

Dear Dr. Murley:

Attached is updated Licensee Event Report No. 83-100/03X-1. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that over a period of three days, there were four instances of trouble with the Containment Atmosphere Control train "A" sample pumps.

T.M. Crimmins
Superintendent of Plant-Susquehanna

LAK/pjg

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

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

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