

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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Pennsylvania Power & Light Company

November 23, 1983

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

Dr. Thomas F. 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 83-147/03L-0
ER 100450 FILE 841-23
PLA-1969

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-147/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that the pressure for one Control Rod Scram Accumulator fell below the Technical Specification Limit of 940 psig. The accumulator was being intentionally drained of excess water to clear an 'Accumulator Trouble' alarm when the low pressure condition occurred. The accumulator was recharged and returned to service within approximately one hour. The accumulator has a brief history of water leakage and is scheduled for repairs during a forthcoming outage.

A similar event was reported on LER's 83-054/03L-0 and 83-126/03L-0.

H.W. Keiser
Superintendent of Plant-Susquehanna

BLW/pjg

Attachment

cc: G.G. Rhoads
Resident Inspector
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11
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ATTACHMENT

LER # 83-147/03L-0

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

While operating at 100% power on October 25, 1983 at 0055 hours, an operator in the Control Room received Alarm AR3(H06) "Accumulator Trouble" together with indicating light on the full core display for Accumulator 46-07, indicating either high water level, low nitrogen pressure, or both, in the gas side of the Control Rod Scram Accumulator. The operator went to Accumulator 46-07 and observed the N₂ pressure was above the 940 psig alarm setpoint, indicating that water was the cause of the trouble light in the Control Room full core display

In the process of draining the water from the accumulator 46-07, the operator observed that the N₂ pressure fell below 940 psig in violation of Technical Specification 3.1.3.5. Draining water caused the pressure in Accumulator 46-07 to drop below the Technical Specification limit and the alarm setpoint. Draining of the water was completed and the N₂ in the accumulator was recharged to between 955 and 1050 psig as specified in Operating Procedure OP-155-001.

A review of the special log to trend all accumulator pressures over a thirty day period as committed to thru LER 83-126 indicates that the only accumulator needing to be charged is Accumulator 46-7. WA-S38306 remains open to repair accumulator 46-7 during the November-December Outage. Operators have been instructed to balance charging and draining of Accumulator 46-07 so as to not cause a low pressure condition.

During this event, the remaining 184 accumulators were operable at all times; there were no occurrences which required a scram and no effect on public health and safety.