



Pennsylvania Power & Light Company

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July 15, 1983

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Acting Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
SPECIAL REPORT - ACCIDENT MONITORING INSTRUMENTATION
ER 100450 FILE 841-23
PLA- 1747

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

Attached please find a Special Report prepared in accordance with Technical Specification 3.3.7.5, Action 81 b. and 6.9.2. The report provides the details of two instances wherein the Reactor Building vent noble gas monitor was out of service for longer than seventy-two hours. On both occasions, the preplanned alternate method of monitoring was properly implemented.

H.W. Keiser
Superintendent of Plant-Susquehanna

LAK/pjg

attachment

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ATTACHMENT

SPECIAL REPORT - ACCIDENT MONITORING INSTRUMENTATION

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

On two separate occasions (September 17 through 21, 1982, and December 1, through 14, 1982) the Reactor Building station particulate, iodine and noble gas (SPING) monitor was out of service for periods greater than seventy-two (72) hours. It was not recognized until June 28, 1983, that these conditions, in addition to requiring alternate monitoring of noble gas activity, also required submittal of a fourteen day Special Report per Technical Specifications 3.3.7.5 and 6.9.2. This submittal covers both Special Reports.

From September 17 through 21, 1982, for a total of approximately ninety-four (94) hours, the Reactor Building SPING was out of service for work on the isokinetic sampling probe and the monitor's flow instrumentation. The work was performed to install a new isokinetic probe and replace some pneumatic controllers with electronic modules. These actions were expected to improve system accuracy and reliability. Alternate monitoring was initiated and continued until work was completed, the unit re-tested and returned to service on September 21, 1982.

From December 1 through 14, 1982, for a total of approximately three hundred and twelve (312) hours, the Reactor Building SPING was out of service for replacement of its malfunctioning sample pump and motor. The initial replacement pump did not operate properly. Ultimately, the corresponding sample pump from Unit two was installed. Alternate monitoring was initiated and continued until the replacement was completed, the unit was re-tested and returned to service on December 14, 1982.