

3150-0011

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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ATTACHMENT

LER # 83-113/03L-0

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

During the preparation and review of Unit 2 surveillance procedures, it was identified that the monthly surveillance (SM-04-009) and 18 month surveillance (SM-04-001 through 008) involving the 4 kv undervoltage relays were performed without declaring the associated emergency diesel generator inoperable. SM-04-009 was performed monthly from June of 1982 to July, 1983 and SM-04-001 through 008 were performed prior to fuel load in July, 1982.

As each bus was being tested the associated diesel would not have been able to energize the bus if required. The remaining three diesels were not affected and could have energized their associated bus. The procedures required restoring each bus to its normal configuration before beginning testing on another bus. Therefore, only one diesel was affected, leaving three diesels operational and capable of responding to accident conditions.

Technical Specification 3.8.1.1, regarding AC power sources during operations, requires a determination within one hour that both off-site power sources are available and within four hours verification that the diesels will start (one diesel at a time). The time of inoperability of the diesel while testing a bus was approximately fifteen minutes, therefore the Limiting Condition for Operation (LCO) would have been cleared before the required actions would have been performed.

Technical Specification 3.8.1.2, regarding AC power sources while shutdown, deals with core alterations and irradiated fuel which would not apply to Susquehanna during the time period in question.

The surveillance procedures discussed above have been changed to identify the LCO regarding the diesels. In addition all electrical surveillance activities were reviewed to ensure other LCO's, involved in the performance of a surveillance, were not missed. No additional instances were identified and no additional changes were necessary.



Pennsylvania Power & Light Company

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September 2, 1983

Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
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SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 83-113/03L-0
ER 100450 FILE 841-23
PLA-1824

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-113/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.c, in that electrical surveillance procedures regarding 4 kv undervoltage relays did not identify that test conditions resulted in a diesel generator being inoperable. The time of inoperability was approximately fifteen minutes and procedures did require testing only one 4 kv bus at a time. The applicable procedures have been changed to identify that a diesel is inoperable while testing a bus and all other electrical surveillance activities were reviewed to ensure limiting conditions for operation were not omitted.

The stations surveillance program and procedures are under going comprehensive review including aspects such as Technical Specification compliance, accuracy and scheduling. The deficiency was identified during this review.

H.W. Keiser
Superintendent of Plant-Susquehanna

APP/pjg

Attachment

cc: G.G. Rhoads
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