



Pennsylvania Power & Light Company

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May 23, 1984

U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
SPECIAL REPORT - UNIT 2 ZONE II VENTILATION
ER 100450 FILE 841-23
PLA-2218

Docket No. 50-388
License No. NPF-22

This thirty (30) day special report is being submitted to document the need to replace charcoal in the Unit 2 Zone II Equipment Compartment Exhaust Charcoal Absorbers 2F257A and B more than 31 days after entering a Limiting Condition for Operation (LCO) in accordance with Technical Specification 3.11.2.5.

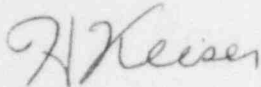
As part of construction completion activities on March 23, 1984 the Unit 2 Reactor Building Floors were being coated with epoxy. Zone II ventilation was operating to maintain the secondary containment environment. An LCO was taken in accordance with Technical Specification 3.11.2.5 since the effect of fumes on the filters in the Zone II ventilation system was unknown at the time. Upon completion of the painting in the Unit 2 Reactor Building at the end of April, testing of the filtration system was performed in accordance with SE-234-001 "18 Month Reactor Building H&V HEPA Filter and Charcoal Absorber Efficiency Test"; results of the test showed the charcoal required replacement. A work authorization was issued for the charcoal's replacement which is expected to be completed by the first part of June.

Analysis performed to date indicates a combined calculated dose for Units 1 and 2 to be, at most, 1.12×10^{-2} MREM at the site boundary and beyond which is far below the 0.3 MREM limit required by T.S. 3.11.2.5. A thirty-one (31) day projection as of May 15, 1984 indicates doses at the site boundary and beyond will continue to be below the 0.3 MREM Technical Specification limit. Offsite dose calculations will continue to be performed until replacement of the charcoal and testing of the filters has been completed.

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Actions that led to this event were a result of construction completion activities. Future painting activities should be of a much smaller magnitude and can be controlled using other means.



H.W. Keiser
Superintendent of Plant-Susquehanna

BLW/pjg

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