



January 19, 1996

**United States Nuclear Regulatory Commission
Washington, D.C. 20555**

Attention: Document Control Desk

Subject: Annual Report to NRC on Spurious Fire Alarms
LaSalle County Station Units 1 and 2
Response to Notice of Violation
Inspection Report Nos. 50-373/86004; 50-374/86004
NRC Docket Numbers 50-373 and 50-374.

Reference: 1. Wayne E. Morgan letter to A. Bert Davis,
Dated March 30, 1990, Transmitting Supplemental Response to
NRC Inspection Report 50-373/86004, 50-374/86004
Fire Detection Concerns

The following summary is provided in response to the Reference 1 letter regarding spurious fire alarm activations during 1995. This summary is provided as the result of a commitment made to track spurious fire alarm activations for a period of five years ending in 1996. The following two (2) work requests were initiated as a result of the fire alarms activating for unknown reasons.

W.R. # 950056540 - Unit 1, Reactor Building, 786 Elevation, Fire Detection Zones 1-36, and 1-37. The fire alarm activated and could not be reset. No apparent reason could be found in the field. A work request was written on June 30th, 1995 to investigate the alarm. Detection Zones 1-36, and 1-37 were taken Out of Service (OOS) and Fire Impairment #0180-95 was initiated to document the fire detection impairment. The work was completed on 7/10/95. The apparent cause of the alarm could not be determined. The entire circuit was tested and all the components functioned as required. The alarm did however reset after the circuit was de-energized. No additional problems have occurred on these zones.

W. R. # 950093365 - Refuel Floor UV Fire Detectors. These detectors were spuriously alarming for no apparent reason. A work request was written on September 21, 1995 to

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investigate the alarms. The cause of the spurious alarms was determined to be that the alarm setting on the detection system was too sensitive. The sensitivity setting was adjusted as recommended by the vendor manual. The work was completed and the system tested satisfactory on October 12, 1995. No further spurious alarms have occurred on this system.

If there are any questions or comments concerning this letter, please refer them to me at (815) 357-6761, extension 3600.

Respectfully,



R. E. Querio
Site Vice President
LaSalle County Station

cc: H. J. Miller, Regional Administrator, Region III
M. D. Lynch, Project Manager, NRR
H. J. Simons, Acting Senior Resident Inspector, LaSalle
D. L. Farrar, Nuclear Regulatory Services Manager, NORS
Central file