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Vice President

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January 2, 1986

Re: Indian Point Unit No. 2
Docket No. 50-247

Dr. Thomas E. Murley
Regional Administrator
U.S. Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Subject: Inoperable Fire Detector


Technical Specification 3.13.D requires that a 30-day report be submitted if specified fire detection instrumentation remains inoperable beyond 14 days. This report is being submitted in accordance with that requirement.

During an inspection program of terminal blocks related to Environmental Qualification, a block containing wires feeding the fire detection alarm for #21 Fan Cooler Unit charcoal was replaced. The replacement, which occurred on November 19, 1985 was part of an effort to replace all terminal blocks in a single box which were regarded as "suspect" insofar as Environmental Qualification was concerned. This terminal block pertained only to fire detection alarm and is not required to be environmentally qualified. It was included in the replacement program due to its physical location, i.e. within the same box as the "suspect" terminal blocks.

Since the fire detection alarm terminal block was not included in the Environmental Qualification master list, a post maintenance test, after its replacement, was not performed due to an oversight. This was not discovered until the fourteenth day after replacement. A test was then performed with negative results. The circuitry was repaired and successfully tested on the fifteenth day.

During the period of inoperability, compensatory action as prescribed by the Technical Specifications were performed. This consisted of monitoring the containment air temperature on an hourly basis.

The event is regarded as unique and caused by the attention being focused on the Environmental Qualification inspection, which diverted attention from routine maintenance activities.


Murray Selman

JRE/ljs
cc: Resident Inspector

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