

Consolidated Edison Company of New York, Inc.
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Telephone (914) 737-8116

April 29, 1988

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

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Plant Vent Noble Gas Effluent Monitor (R-27)

Consolidated Edison's Technical Specification Table 3.5.5.3 states that "(w)ith the number of operable (accident) channels less than required by the minimum number of channels requirement (in table 3.5), within 7 days (the company will) either restore the channel(s) to the minimum operable status or (i)nitiate an alternate method of monitoring...and prepare and submit a special report to the commission...within the next 14 days following the event." In the instant case, the Plant Vent Noble Gas Effluent Monitor (R-27) was disconnected on February 22, 1988. Accordingly, the number of operable channels is less than the required "Minimum Number of Channels Operable" as per Table 3.5.5 of the Technical Specifications. This special report outlines the actions taken, the cause of inoperability and the method of system restoration in accordance with technical specification requirements.

1) Initiating Condition

On February 22, 1988, the activated R-27 Monitor was determined to be experiencing communication problems between the field computers and the Central Control Room computer. The lower Range (R14) Monitor served as adequate backup.

2) Cause of Occurrence

A review of the incident by Con Edison personnel indicated that the problem was failure of the power supply to one of the failed computers (Rm. 80) which resulted in lost memory. All efforts to repair Rm. 80 in-house failed. We requested assistance from the vendor on February 29, 1988.

3) Corrective Action

The power supply failure was corrected and the vendor representative was able to restore the computer memory. The effluent monitor (R-27) was declared operational on March 10, 1988.

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Since the narrow range monitor (R14) and chemistry grab samples served as adequate backup as required by Technical Specification, after the expiration of the Limiting Condition for Operation (LCO) the R-27 monitor was deleted as an LCO and carried instead on the out of service equipment list. This resulted in the special report date being exceeded. The tracking of LCO's have been improved to avoid future oversight. A revision to SAO-124 was initiated to provide further clarification.

If you or your staff have any questions, please contact us.

Very truly yours,



R-27

cc: William Russell
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