



Consolidated Edison Company of New York, Inc.
Indian Point Station
Broadway & Bleakley Avenue
Buchanan, New York 10511-1099

January 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 determined to be inoperable on January 9, 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 January 9, 1988, while the unit was offline and returning to service from a refueling outage the activated R-27 Monitor was determined to be experiencing intermittent failure. The lower Range (R14) Monitor served as adequate backup.

2) Cause of Occurrence

A review of the incident by Con Edison and onsite vendor personnel indicated that the computer (Rm 80) hooked up to the monitor had defective chips that were overheating, thereby rendering the monitor inoperable.

3) Corrective Action


The defective computer parts were replaced and tested on January 19, 1988 and found operational. A further test program was initiated to insure that overheating of the computer hardware had been corrected. The monitor was declared operational on January 20, 1988.

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

Very truly yours,


Stephen Bram
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R-27

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