

Consolidated Edison Company of New York, Inc.
Indian Point Station
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September 16, 1988

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

Document Control Desk
U.S. Nuclear Regulatory Commission
Mail Stop PL-137
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." The Plant Vent Noble Gas Effluent Monitor (R-27) was out of service on August 27, 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. In accordance with technical specification requirements this special report outlines the actions taken, the cause of inoperability and the method of system restoration.

1) Initiating Condition

On August 27, 1988 the R-27 Monitor was declared inoperable due to erratic stack vent flow indication. Investigation revealed that the problem was not in the actual vent flow but rather in the flow transmitter wiring that sends the signal to the R-27 Monitor.

Rain water was leaking into the electrical conduit that supplies the flow transmitter causing an electrical short circuit in the flow transmitter wiring.

The Lower Range (R-14) Monitor serves as an adequate backup.

2) Return to Service:

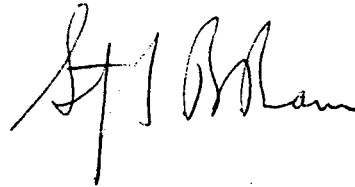
We are presently planning rewiring the vent flow transmitter signal wires. The post maintenance testing will then be completed. It is expected the R-27 Monitor will be returned to service by November 1, 1988.

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

Very truly yours,



cc: William Russell
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