



Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, N Y 10003

January 25, 1974

Re: Indian Point Unit No. 2  
Facility Operating License  
DPR-26, A.O.-4-2-2

50-247

Mr. John F. O'Leary, Director  
Directorate of Licensing  
Office of Regulations  
U.S. Atomic Energy Commission  
Washington, D. C. 20545

Dear Mr. O'Leary:

The following report is provided pursuant to the requirements of Section 6.12.2(a) of the Technical Specifications to Facility Operating License No. DPR-26.

Periodic surveillance test PT-M2, "Reactor Coolant Temperature Analog Channel Functional Test -  $\Delta T$  Overtemperature and  $\Delta T$  Overpower", was performed with Unit No. 2 in the cold shutdown condition. The limiting safety system settings of Channels I and III of the Overpower  $\Delta T$  Reactor Trip circuitry were found to be below that required by Technical Specification 2.3.1.B95). Channels I and III have since been recalibrated and tested satisfactorily.

These particular devices are part of a four channel reactor trip logic where activation of any two of the four bistables (one per channel) will produce a reactor trip signal. Since the Channel II and IV bistables were found to be operating correctly, overpower  $\Delta T$  would have caused a reactor trip to occur within the range prescribed by the Technical Specifications.

As stated in our January 18, 1974 letter to you, Nuclear Power Generation Department is investigating the setpoint drift problem in conjunction with the manufacturer and our Engineering Department. If our investigation substantiates that a particular bistable component is the cause of the setpoint drifts experienced, we plan to replace these components on an appropriate progressive schedule with priority given to those components in the reactor protection circuitry.

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Because the logic circuitry was still operating, safety implications to the occurrence were not considered significant. However, the investigation into the reasons for recently reported setpoint drift will continue with the intent of reducing the likelihood of their incidence.

Very truly yours,

*Warren R. Cobean, Jr.*

Warren R. Cobean, Jr., Manager  
Nuclear Power Generation

cc: Mr. James P. O'Reilly