

December 18, 1973

Re: Indian Point Unit No. 2  
Facility Operating License  
DPR-26  
A.O. 3-2-17

Mr. James P. O'Reilly, Director  
Regulatory Operations, Region I  
U. S. Atomic Energy Commission  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Mr. O'Reilly,

The following report of Abnormal Occurrence No. 3-2-17 is provided pursuant to the requirements of Section 6.12.2(a) of the Technical Specifications to Facility Operating License No. DPR-26.

On December 17, 1973 an analysis of the results of periodic tests and calibration checks relating to pressurizer level indicated that the setting for one of three bistables associated with high pressurizer level reactor trip was slightly above that required by Technical Specification 2.3.1.C(1). At the time of these periodic tests and calibration checks, the reactor was in the cold shutdown condition for maintenance work associated with repairs to the feedwater piping for No. 22 steam generator.

This particular bistable device is part of a two out of three logic system which provides for a reactor trip signal on high pressurizer level. The setpoint was found to be at 92.25% of span instead of the  $\leq 92\%$  of span required by the Technical Specifications. The other two bistables of the system were found to be operating correctly. The channel associated with this device was recalibrated and retested satisfactorily.

We believe the observed discrepancy to be the result of instrument drift and have requested our Engineering Department to provide a detailed analyses of the capability of the instrument buses to sustain the applied loading and the harmonic wave effect on power supplies, bistables, converters etc. As part of the analyses, the effect of voltage swings on the equipment listed above

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will be evaluated. Based on these analyses, appropriate corrective action will be taken. Mr. Bert Davis of your office was notified of this occurrence by Mr. John Makepeace by telephone on December 17, 1973.

Very truly yours,

*Warren R. Cobean, Jr.*

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

cc: Mr. John F. O'Leary