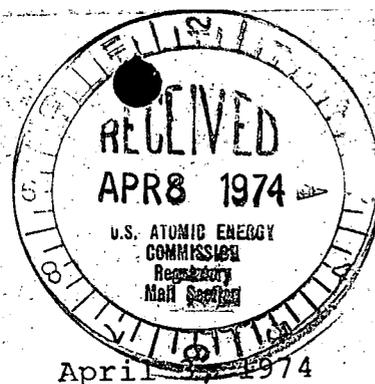


Regulatory Docket File



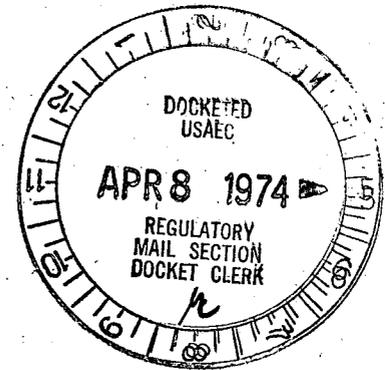
Consolidated Edison Company of New York, Inc.  
4 Irving Place, New York, NY 10003



April 8, 1974

Re: Indian Point Unit No. 2  
A.E.C. Docket No. 50-247  
A.O. 4-2-12

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



Dear Mr. O'Reilly:

In accordance with the Technical Specifications of Facility Operating License No. DPR-26, the attached report of an Abnormal Occurrence is submitted.

*Walter Stein*

Walter Stein  
Manager - Nuclear Power  
Generation Department

Attn.

cc: John F. O'Leary —

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1. Report Number: 50-247/4-2-12
- 2a. Report Date: April 3, 1974
- 2b. Occurrence Date: April 2, 1974
3. Facility: Indian Point Unit No. 2
4. Identification of Occurrence

This abnormal occurrence is the type defined by Technical Specification 1.8.a where a protective instrumentation setting was found in excess of a limiting safety system setting established in the Technical Specifications.

5. Conditions Prior to Occurrence:

At the time of the occurrence, the unit was operating at approximately 75% of rated power.

6. Description of Occurrence:

On April 2, 1974, during the course of conducting periodic surveillance test, PT-M12, "1st Stage Turbine Pressure Analog Test", the setting of bistables FC-419A, FC-429A, FC-439A, and FC-439B were found in excess of the limiting safety system setting established by Table 3.1, Item No. 5. In addition, bistable PC-412B was found in excess of the limit established by Specification 2.3.2.A.2.

PC-412B, FC-419A, FC-429A, FC-439A and FC-439B were found to be set .2, .02, .17, .04 and .12 milliamps above the limiting settings, respectively. These "as found" deviations correspond to .5% power in the case of PC-412B, and a maximum steam flow of 1.87% in the case of the flow bistables. All other bistables of this logic were found to be set correctly.

7. Designation of Apparent Cause of Occurrence

The cause of this occurrence is under investigation.

8. Analysis of Occurrence

The flow bistables (FC) which exceeded the limiting safety system settings are a part of the High Steam Line Flow Protection Logic. The logic actuates when high steam flow as compared to 1st stage turbine pressure occurs in any two out of four steam lines. High steam flow in each steam line would be actuated by a one out of two logic. Even though the above bistables were found to be set slightly above the limit, the protection logic would still have actuated as required if called for since the channel 2 logic involved only 1 bistable out of 4 being slightly higher.

Dupe

The pressure (PC) bistable which was found in excess of the limiting safety system setting is part of a permissive circuit which allows blocking of the reactor trip below 10% power. Since only one channel out of two was found set high, the permissive would have been initiated at the proper power level.

Because the logic circuits involved would have actuated as required, the safety implications of this occurrence are considered to be slight.

9. Corrective Action

All of the bistables identified above were reset below the required limits and retested satisfactorily. Any measures considered necessary to prevent recurrence will be identified upon determination of cause.

10. Notification

Mr. Chester Oberg of the Region I RO Office was notified of this occurrence by Thomas M. Law at 4:15 PM on April 2, 1974, by telephone.