



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

Central files

August 23, 1974

Re: Indian Point Unit No. 2
AEC Docket No. 50-247
A.O. 4-2-27

Mr. James P. O'Reilly, Director
Directorate of Regulatory Operations
Region 1
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, we wish to inform you of an Abnormal Occurrence (A.O. 4-2-27), which was identified and reported to Mr. Anthony Fasano of your office on August 22, 1974.

The occurrence is the type defined by Technical Specification 1.8.d and relates to a malfunction of No. 22 and No. 23 Diesel Generators.

During the conduct of periodic surveillance test PT-M21, it was found that the generator output breaker for No. 22 diesel generator would not close. Preliminary investigation into the cause of the occurrence led to the determination that the voltage buildup relay failed to operate.

Immediate action following this occurrence consisted of verifying the operability of No. 21 and No. 23 diesel generators which consisted of starting them and assuring that their voltage buildup relays function. Both diesels operated successfully.

While our investigation into the failure of the relay continued, the periodic surveillance test for diesel generator No. 23 was initiated. The diesel was started and synchronized to its associated 480V bus. While paralleled to the bus, it was found that the diesel would not pick up additional load. The diesel was subsequently removed from service.

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Since two out of three diesels were now inoperable, a shutdown of the unit was initiated. To return two diesels to an operable status, the voltage buildup relay for No. 23 diesel was removed and installed in No. 22 diesel generator. No. 22 diesel generator was then tested successfully. With two diesels now operable, the unit shutdown was terminated and normal power operation resumed. The cause of diesel generator No. 23 failure is still under investigation.

A follow up report on this occurrence will be submitted in ten days.

Walter Stein

cc/ Edson G. Case