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**BOSTON EDISON COMPANY**  
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BOSTON, MASSACHUSETTS 02199

G. CARL ANDOGNINI  
MANAGER  
NUCLEAR OPERATIONS DEPARTMENT

May 23, 1979

BECo. Ltr. # 79-101

Mr. Boyce H. Grier  
Office of Inspection and Enforcement  
Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, Pa. 19406

License No. DPR-35  
Docket No. 50-293

Response to IE Bulletin 79-09

Dear Mr. Grier:

In a letter dated April 17, 1979 you transmitted IE Bulletin No. 79-09 titled "Failures of GE Type AK-2 Circuit Breaker in Safety Related Systems." Boston Edison Company was requested to take the following actions in a review of this problem at Pilgrim Nuclear Power Station:

1. Determine whether or not GE Type AK-2 Breakers are used or planned for use in safety related systems at your facility.

Response

GE Type AK-2 Breakers are used in safety related systems at Pilgrim Station, but do not contain the undervoltage device (an optional accessory) as identified in the bulletin.

2. If such circuit breakers are used or planned for use, identify the safety system involved and provide in written form your plans for developing a preventive maintenance program which will assure design performance with GE Type AK-2 circuit breaker.

Response

The safety systems involved with GE Type AK-2 Breakers are the safety related 480V Load Centers B1, B2 and B6. Existing Station Procedures (listed below) already provide a preventive maintenance program to assure design performance for the subject breakers.

- a. PNPS Procedure No.3.M.3-2 - 480V Load Center Breaker Trip Device Calibration Test.
- b. PNPS Procedure No.3.M.3-6 - Inspection and Overhaul of 480V Load Center Breakers.

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3. The program shall include as a minimum but not be limited to the following:
- a. Establish and adhere to a preventive maintenance schedule regarding the subject circuit breakers.

Response

The above mentioned preventive maintenance procedures are performed each refueling cycle.

- b. Have the maintenance performed by qualified personnel. The GE power circuit breaker instruction manual should be used as guidance in setting up the maintenance procedures.

Response

The GE power circuit breaker instruction manual was utilized as a guidance when the procedures were written, and maintenance on the breakers is always performed by qualified personnel.

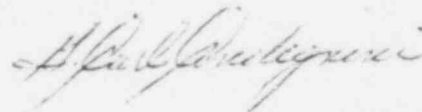
- c. During the preventive maintenance, perform the recommended corrective actions described in the enclosed GE Service Alert Letter No. 175 (CPDD) 9.3, dated April 2, 1979. A copy of this letter is enclosed for your information and appropriate use.

Response

No response is deemed necessary to this item since the GE Service Alert Letter contains recommended corrective actions pertaining to optional undervoltage devices, which as already stated, are not in use at Pilgrim Station.

We trust that you will find this information satisfactory; however, should you desire additional information, please contact us.

Very truly yours,



cc: Director  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, D. C. 20555

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JDK/gs