BOSTON EDISON COMPANY
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WILLIAM D. HARRINGTON
SENIOR VICE PRESIDENT
NUCLEAR

April 13, 1983

BECo Ltr. 83-89

Regional Administrator, Region 1
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Docket Number 50-293
License DPR-35

Dear Sir:

The attached Licensee Event Report 83-013/01T "Field Breaker for "B" Recirculation Pump MG Set" is hereby submitted in accordance with the requirements of Pilgrim Nuclear Power Station Technical Specification 6.9.B.1.i.

If there are any questions on this subject, please contact us.

Respectfully submitted,

W D Harrington

W. D. Harrington
Senior Vice President
Nuclear

GGW:dmp

Enclosure: LER 83-013/01T-0

cc: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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BOSTON EDISON COMPANY
PILGRIM NUCLEAR POWER STATION
DOCKET NO. 50-293

Attachment to LER 83-013/01T-0

Cause and Corrective Action:

When investigated the breaker was found as follows:

1. The main contacts were partially tripped and bound up indicating that a trip signal had been sent to the breaker.

2. The shunt trip device had a failed trip coil and the mechanism was partially in trip.

3. The breaker would not mechanically trip via the mechanical push button.

Immediate Corrective Action Taken:

1. The breaker was removed from the cubicle, arc chutes removed, and the trip latch mechanism manually pushed. Phase one, two and three then tripped.

2. The main and shunt trip linkage was lubricated with "LPS" penetrating oil (a non-greasy lubricant). The breaker was cycled approximately twenty times and then reinstalled.

3. Applicable sections of the Technical Manual were consulted and specified actions taken.

4. The redundant "A" M/G set breaker was operated and no signs of similar binding were found.

5. An ORC meeting was held to review the event. While no root cause could be determined at that time, the ORC agreed that proper immediate corrective action had been taken and sufficient testing of the breaker operations had been done. Reactor startup then continued and the plant was critical on 4/3/83.

6. The General Electric Company has been contacted to assist in the resolution of the problem.