

## BOSTON EDISON COMPANY

PROMPT REPORTABLE OCCURRENCE

DESIGNATED ORIGINAL

Certified By

M. Tiggart - 4-12-83

TELECOPY MESSAGE

TO: (215) 337-5324  
Telephone Number

DATE/TIME: April 4, 83/ 1700

TO: Regional Administrator, Region 1  
U. S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406FROM: Pilgrim Nuclear Power Station  
RFD#1, Rocky Hill Road  
Plymouth, MA 02360Docket Number 50-293  
License DPR-35

Assigned LER Number 83-013/01X-0

Reported per T.S. Section 6.9.B.1.i

Event Description: When removing "B" Reactor Recirc. MG Set from service to replace  
brushes, the MG Set field breaker failed to trip. The breaker is a GE type  
AK-F-2-25 No. 224A3510-43.

Cause and Corrective Action: See Attached

Facility Status:

0 % Thermal MW

c) Routine Startup \_\_\_\_\_  
d) Routine Shutdown \_\_\_\_\_  
e) Steady State \_\_\_\_\_  
f) Load Changing \_\_\_\_\_g) Shutdown X  
h) Refueling \_\_\_\_\_  
i) Other \_\_\_\_\_  
j) Not Applicable \_\_\_\_\_

A written followup report will be sent within two weeks.

NRC Person Notified J. R. Johnson, NRC RI Prepared by C. J. Mathis

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

Standard BECo. LER Distribution

8304180495 830404  
PDR ADOCK 05000293  
S PDR

TE27

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 burned trip coil and the mechanism was partially in trip.
3. The breaker would not mechanically trip via the push button.

Immediate Corrective Action Taken:

1. The breaker was removed from the cubicle, arc chutes removed and phase two mechanism manually pushed. Phase one, two and three then tripped. The breaker was found to be slightly dirty and "dry".
2. The main linkage and shunt linkage was lubricated with "LPS" penetrating oil (a non-greasy lubricant) as the linkages were being cycled approximately twenty times. The breakers were then reinstalled.
3. Applicable sections of the Technical Manual were consulted and specified actions taken.

The General Electric Company will be contacted to assist in the resolution.