

CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)01 M A P P S 1 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 37 CAT 38

CONT

01 REPORT SOURCE L 6 0 5 0 - 0 2 9 3 7 0 7 2 5 8 3 8 0 8 1 8 8 3 9  
7 8 9 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

## EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 On 7/25/73, during a RCIC operability surveillance test, (8.5.5.4) the inboard  
03 MOV-1301-16 did not close. The outboard isolation valve was closed and the system  
04 declared inoperable. Appropriate surveillances required by T.S. were immediately  
05 initiated. On 7/29/83 the plant was shut down for a drywell entry to determine  
06 cause and make repairs. This event caused no threat to the public health and  
07 safety.

08

09 SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE  
7 8 9 10 11 12 13 14 15 1617 LER/RO REPORT NUMBER 8 3 18 0 4 4 19 0 3 20 L 21 0  
22 23 24 25 26 27 28 29 30 31 32ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER  
B 18 Z 19 A 20 A 21 0 0 9 3 N 23 N 24 N 25 L 2 0 0 0 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

## CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 A defective Belleville spring pack caused the worm gear of the Limitorque motor  
11 operator to be subjected to abnormal forces leading to eventual failure of the  
12 gear. This is the first known failure of this type at this facility. The motor  
13 operator was rebuilt, tested satisfactorily, and the valve returned to service.

14

FACILITY STATUS % POWER OTHER STATUS (30) METHOD OF DISCOVERY DISCOVERY DESCRIPTION (32)  
1 5 E 28 0 9 8 29 N/A B 31 Surveillance 32ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)  
1 6 Z 33 Z 34 N/A N/A 35 36PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION (39) N/A  
1 7 0 0 0 37 0 38 N/A 39PERSONNEL INJURIES NUMBER DESCRIPTION (41) N/A  
1 8 0 0 0 40 N/A 41LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION (43) N/A  
1 9 Z 42 N/A 43PUBLICITY ISSUED DESCRIPTION (45) N/A  
2 0 N 44 N/A 45

NAME OF PREPARER G. G. Whitney PHONE (617) 746-7900

NRC USE ONLY

8309060140 830818  
PDR ADOCK 05000293  
S PDR

IE22

BOSTON EDISON COMPANY  
800 BOYLSTON STREET  
BOSTON, MASSACHUSETTS 02199

WILLIAM D. HARRINGTON  
SENIOR VICE PRESIDENT  
NUCLEAR

August 18, 1983

BECO. #83-221

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

Docket No. 50-293  
License DPR-35

Dear Sir:

The attached Licensee Event Report 83-044/03L-0, "RCIC MOV 1301-16", is hereby submitted in accordance with the requirements of Pilgrim Nuclear Power Station Technical Specification 6.9.B.2.b.

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

Respectfully submitted,

*W D Harrington*

William D. Harrington

WDH/mg

Enclosure: LER 83-044/03L-0

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

Standard BECo. LER distribution

IE 22  
11