

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 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 58 59

CON'T
0 1 REPORT SOURCE L 6 0 5 0 - 0 2 9 3 7 0 8 2 5 8 0 8 1 0 2 7 8 0 9
7 8 9 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On August 25, 1980 at approximately 0900 hours during surveillance testing the Core Spray
0 3 System was determined to be inoperable. The HPCI system was out of service at the time.
0 4 Following the successful testing of Core Spray Valve MO 1400-25A, Core Spray Valve
0 5 MO 1400-24A was determined to be inoperable. An orderly shutdown was initiated and
0 6 terminated at 1440 hours the same day after the Core Spray Valve MO 1400-24A was
0 7 manually placed in the open position. Valve MO 1400-24A was repaired, tested and
0 8 declared operable at approximately 0955 hours on August 27, 1980.

0 9 SYSTEM CODE S F 11 CAUSE CODE E 12 CAUSE SUBCODE X 13 COMPONENT CODE V A L V E X 14 COMP. SUBCODE F 15 VALVE SUBCODE D 16
7 8 9
17 LER/RO REPORT NUMBER 8 0 21 EVENT YEAR 8 0 22 SEQUENTIAL REPORT NO. 0 6 1 24 OCCURRENCE CODE 0 3 28 REPORT TYPE X 30 REVISION NO. 1 32
ACTION TAKEN E 18 X 19 FUTURE ACTION B 20 SHUTDOWN METHOD A 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED Y 23 NRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER G 0 8 0 26
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The valve was lubricated and successfully operated. Inspection of this valve will
1 1 be scheduled for the next refueling outage.
1 2
1 3
1 4

1 5 FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS N.A. 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Routine Testing 32
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 6 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY N.A. 35 LOCATION OF RELEASE N.A. 36
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N.A. 39
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N.A. 41
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N.A. 43
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

2 0 ISSUED N 44 DESCRIPTION 8011100455 N.A. 45
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
NAME OF PREPARER M. Thomas McLoughlin PHONE: 617-746-7900
NRC USE ONLY

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

Attachment to LER 80-061/03X-1

Description

On August 25, 1980 at approximately 0900 hours surveillance testing, which was initiated because of failure of the HPCI system, determined that the 'A' loop of the Core Spray System was inoperable. During this surveillance testing, following the successful testing of Core Spray Valve MO 1400-25A Core Spray Valve MO 1400-24A failed in a partially open position.

An orderly shutdown was immediately initiated as required by Technical Specification Section 3.5.C.3. The shutdown was terminated at approximately 1440 hours on August 25, 1980 after Core Spray Valve MO 1400-24A was opened and electrically disabled.

Core Spray Valve MO 1400-24A was repaired, tested and declared operable at approximately 0955 hours on August 27, 1980.

Cause & Corrective Action

On August 25, 1980 maintenance and operations personnel inspected Core Spray Valve MO 1400-24A and found it stuck in a partially open position. Attempts to manually open it were difficult therefore it was decided to electrically close it in an effort to release its bound state. This closing action appeared to eliminate the restriction to valve movement. The valve was opened and electrically disabled until maintenance could verify its operation.

On August 27, 1980 maintenance personnel after lubricating the valve's stem verified the electrical operation of the valve. Current readings taken before and after lubrication measured 17 and 9 amperes respectively. The valve operator's torque switch trips at a current of approximately 10-12 amperes. The valve was satisfactorily timed, functionally tested, and declared operable at approximately 0955 hours the same day.

Maintenance, additionally, has recommended that the valve be scheduled for inspection during the next refueling outage.