NRC FORM 366 (7-77) U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | CTMNS2 (2) | 00-00001-000 (3) | 4 | 1111 (4) | | (5)
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 53

CON'T
01 | REPORT SOURCE L (6) | 05001033 6 (7) | 11 | 11 | 79 (8) | 11 | 09 | 79 (9)
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 | During routine maintenance, leakage was discovered on the recovered boric acid pump
03 | suction line. Examination revealed a hairline crack in a three inch, type 304,
04 | schedule 10S stainless steel pipe on the pipe side of the pipe to pump suction
05 | valve weld. A patch was applied to the crack to stop the leakage. The leakage
06 | was contained within the Radwaste System. Similar occurrences: LER 76-28/3L,
07 | dated 5/21/76 and LER 76-25/30, dated 1/31/77.
08 |
7 8 9 80

| SYSTEM CODE | CAUSE CODE | CAUSE SUBCODE | COMPONENT CODE | COMP. SUBCODE | VALVE SUBCODE
09 | MA (11) | E (12) | 0 (13) | PIPEXX (14) | A (15) | Z (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER | EVENT YEAR | SEQUENTIAL REPORT NO. | OCCURRENCE CODE | REPORT TYPE | REVISION NO.
79 | — | 033 | / | 03 | L | — | 0
21 22 23 24 26 27 28 29 30 31 32

ACTION TAKEN | FUTURE ACTION | EFFECT ON PLANT | SHUTDOWN METHOD | HOURS (22) | ATTACHMENT SUBMITTED | NPRD-4 FORM SUB. | PRIME COMP. SUPPLIER | COMPONENT MANUFACTURER
B (18) | A (19) | Z (20) | Z (21) | 0000 | N (23) | Y (24) | A (25) | D240 (26)
33 34 35 36 37 40 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 | The cause of the failure is chloride stress corrosion due to the presence of chlorides
11 | from salt water leakage to aerated waste drains and high temperature present in the
12 | concentrators as reported in LER 76-25/30. The cracked pipe spool will be replaced
13 | when material is available. To prevent similar occurrences, the boric acid piping
14 | is being protected by maintaining low chloride concentrations.
7 8 9 80

FACILITY STATUS | % POWER | OTHER STATUS (30) | METHOD OF DISCOVERY | DISCOVERY DESCRIPTION (32)
15 | E (28) | 100 (29) | NA | B (31) | Routine maintenance
7 8 9 10 12 13 44 45 46 80

ACTIVITY RELEASED | CONTENT OF RELEASE | AMOUNT OF ACTIVITY (35) | LOCATION OF RELEASE (36)
16 | Z (33) | Z (34) | NA | NA
7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES
NUMBER | TYPE | DESCRIPTION (39)
17 | 000 (37) | Z (38) | NA
7 8 9 11 12 13 80

PERSONNEL INJURIES
NUMBER | DESCRIPTION (41)
18 | 000 (40) | NA
7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY (43)
TYPE | DESCRIPTION
19 | N (42) | NA
7 8 9 10 80

1344 160

PUBLICITY
ISSUED | DESCRIPTION (45)
20 | N (44) | NA
7 8 9 10 68 69 80

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NRC USE ONLY

Robert A. Structure 202-447-1791

NRC 917-926