UPDATE REPORT PREVIOUS REPORT DATE MARCH 20, 1979

NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 | FLTPS3 (2) | 00-00000-00 (3) | 4111 (4) | (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T 01 | REPORT SOURCE L (6) | 05000257 (7) | 021679 (8) | 083079 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 During a refueling shutdown, a crack was found in a weld on a drain line
03 in the B accumulator discharge piping. Nondestructive testing (NDT)
04 showed additional cracking on the drain line elbow. This is reportable
05 pursuant to TS 6.9.2.b.4.
06
07
08

09 SYSTEM CODE SH (11) | CAUSE CODE B (12) | CAUSE SUBCODE A (13) | COMPONENT CODE PIPEX (14) | COMP. SUBCODE A (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 79 — SEQUENTIAL REPORT NO. 002 — OCCURRENCE CODE 03 — REPORT TYPE X — REVISION NO. 1

ACTION TAKEN A (18) | FUTURE ACTION F (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS 0000 (22) | ATTACHMENT SUBMITTED Y (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER X999

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cracks were in a 3/4 inch elbow (type 316 stainless steel) and the
11 weld attaching it to a 3/4 inch nipple. During normal operation, this
12 drain assembly is pressurized to approximately 650 psig. The elbow and
13 welds were replaced and found acceptable following NDT examination.
14 Additional corrective action is described in the attachment.

15 FACILITY STATUS H (28) | % POWER 000 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Operator Observation

16 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA

PERSONNEL EXPOSURES
17 NUMBER 00 0 (37) | TYPE Z (38) | DESCRIPTION (39) NA

PERSONNEL INJURIES
18 NUMBER 000 (40) | DESCRIPTION (41) NA

LOSS OF OR DAMAGE TO FACILITY (43)
19 TYPE Z (42) | DESCRIPTION NA

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PUBLICITY
20 ISSUED N (44) | DESCRIPTION (45) NA

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Additional Cause Description and Corrective Action

The cracks in the 3B accumulator discharge piping drain line occurred in a 3/4 inch stainless steel elbow (type 316) and in the weld attaching it to a 3/4 inch stainless steel nipple (type 304). The cracks were observed on the upstream, socket end of the elbow and at its associated socket weld. The defective elbow was cut out of the piping and a new type 316 stainless steel elbow was welded in place. The new welds on the drain assembly were examined and found to be acceptable for use. The cause of the cracks could not positively be determined, however, they were most probably caused by stress due to line vibration. The drain assembly is pressurized to approximately 650 psig during normal operation. The equivalent drain lines from the 3A and 3C accumulators were also examined and found to be in satisfactory condition.

A plant change/modification will be implemented to provide additional support for vent and drain lines. The implementation schedule will initiate the changes on Unit 4 during the Winter 1980 refueling outage and on Unit 3 during a Fall 1979 outage. The plant change/modification on Unit 4 has been deferred from the Spring 1979 to the Winter 1980 refueling outage. This deferral has resulted from (1) the non-availability of QC type material due to long lead time and (2) the non-availability of qualified manpower due to the labor intensive inspection being performed in accordance with USNRC I & E Bulletin 79-02, Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts. During the Spring 1979 refueling outage of Unit 4, the accumulator discharge piping vents and drains were examined using NDT methods. The NDT examinations revealed no relevant indications or anomalies.