FORM 366 (7)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

01 | CAS02 (2) | 000000000000 (3) | 41110 (4) | (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T 01 | REPORT SOURCE L (6) | 05000361 (7) | 032482 (8) | 040782 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While in Mode 5, an addition of 6732 gallons of water from the Refueling Water
03 Storage Tank to the RCS resulted in an unexpected dilution of 0.7% reactivity
04 The resulting Shutdown Margin was 19%, whereas, 2% is required by Technical Specifi-
05 cations.
06
07
08

09 | SYSTEM CODE PC (11) | CAUSE CODE E (12) | CAUSE SUBCODE B (13) | COMPONENT CODE VALVEX (14) | COMP. SUBCODE F (15) | VALVE SUBCODE G (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 82 | — | SEQUENTIAL REPORT NO. 008 | / | OCCURRENCE CODE 01 | REPORT TYPE T | — | REVISION NO. 0

ACTION TAKEN X (18) | FUTURE ACTION B (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD 7 (21) | HOURS 0000 (22) | ATTACHMENT SUBMITTED N (23) | NPRD-4 FORM SUB. N (24) | PRIME COMP. SUPPLIER N (25) | COMPONENT MANUFACTURER 1208 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Flow valve 2FV-0210X was discovered to leak at a rate of 11 gpm when closed. This
11 allowed demineralized water to fill the piping between the RWST and the charging
12 pumps. Introduction of this water to the RCS caused overdilution. To avoid recurrence,
13 2FV-0210X's sealing surfaces will be repaired/replaced.
14

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

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

PERSONNEL EXPOSURES
17 | NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) N/A

PERSONNEL INJURIES
18 | NUMBER 000 (40) | DESCRIPTION (41) N/A

LOSS OF OR DAMAGE TO FACILITY
19 | TYPE Z (42) | DESCRIPTION (43) N/A

8204210453 820407
PDR ADOCK 05000361
S PDR

20 | (44) | NRC USE ONLY

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GPO 917-424

ATTACHMENT