NRC FORM 366
(7 77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

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

01 | ARANO1 (2) | 00-000-00 (3) | 4 1 1 1 1 (4) | (5)
LICENSEE CODE — LICENSE NUMBER — LICENSE TYPE — CAT

CON'T 01 | REPORT SOURCE L (6) | 05000313 (7) | 081379 (8) | 091279 (9)
DOCKET NUMBER — EVENT DATE — REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 While increasing power, at approximately 75% reactor power, switchyard
03 relay, 21Z1, failed, causing a turbine trip. Turbine lock-out relay,
04 286-T, failed to operate, defeating the generator lock-out & the recently
05 added "reactor trip on turbine trip". The degraded frequency during coast-
06 down resulted in Buses A2 & H1 undervoltage, causing slow auxiliary power
07 transfer when generator lock-out was received from reactor trip (on high
RC pressure). Two RC pumps tripped due to the loss of H1 bus. DG#2 auto-
08 started. FW reg. valve failed open, overfeeding OTSG "B". Reported per
special NRC request.

09 SYSTEM CODE IA (11) | CAUSE CODE E (12) | CAUSE SUBCODE A (13) | COMPONENT CODE RELAYX (14) | COMP SUBCODE D (15) | VALVE SUBCODE Z (16)

(17) LER/RO REPORT NUMBER | EVENT YEAR 79 | — | SEQUENTIAL REPORT NO. 014 | / | OCCURRENCE CODE 99 | REPORT TYPE X | — | REVISION NO. 0

ACTION TAKEN B (18) | FUTURE ACTION Z (19) | EFFECT ON PLANT Z (20) | SHUTDOWN METHOD Z (21) | HOURS (22) 0000 | ATTACHMENT SUBMITTED N (23) | NPRD-4 FORM SUB N (24) | PRIME COMP SUPPLIER A (25) | COMPONENT MANUFACTURER W120 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Investigation revealed that the turbine lock-out relay, 286-T, had loose
11 terminals on the leads to the turbine, with one lug failed. The failed
12 lug was replaced and the terminals were tightened. The turbine lock-out
13 and "reactor trip on turbine trip interlocks were tested with satisfactory
14 results.

15 FACILITY STATUS F (28) | % POWER 075 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) As a result of turbine trip.

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

17 PERSONNEL EXPOSURES NUMBER 000 (37) | TYPE Z (38) | DESCRIPTION (39) NA

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

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

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

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