

LICENSEE EVENT REPORT

U. S. NUCLEAR REGULATORY COMMISSION

CONTROL BLOCK: 1

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01
PAPBS2
200-00000-00
341111
4
5

CON'T

01
REPORT SOURCE L
6050-0277
7010483
8011883
9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 Switch of type used for ECCS room coolers failed during environmental
03 qualification testing after a radiation dose of 27 MEGARAD (the
04 design basis LOCA dose level). Failure of switch could lead to loss
05 of room cooling hence failure of the RHR pump motors due to over-
06 heating.
07
08

09
SYSTEM CODE WB 11
CAUSE CODE E 12
CAUSE SUBCODE A 13
COMPONENT CODE INSTRU 14
COMP SUBCODE S 15
VALVE SUBCODE Z 16

17 LER/RO REPORT NUMBER 83
EVENT YEAR 83
SEQUENTIAL REPORT NO. 001
OCCURRENCE CODE 01
REPORT TYPE T
REVISION NO. 0

ACTION TAKEN X 18
FUTURE ACTION F 19
EFFECT ON PLANT Z 20
SHUTDOWN METHOD Z 21
HOURS 0000
ATTACHMENT SUBMITTED X 23
NPRD-4 FORM SUB. N 24
PRIME COMP. SUPPLIER A 25
COMPONENT MANUFACTURER G080 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 Switch (General Electric TYPE CR2940) uses nylon cam material which
11 became embrittled and cracked after exposure. Switches have been
12 temporarily jumpered. Modifications are underway to rewire switches
13 so that they are fail safe. Investigation underway considering
14 redesign/replacement of switches.

15 FACILITY STATUS E 28
% POWER 099 29
OTHER STATUS U/3 85% 30
METHOD OF DISCOVERY C 31
DISCOVERY DESCRIPTION Environmental Qualif. Testing 32

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

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

18 PERSONNEL INJURIES NUMBER 000 40
DESCRIPTION N/A 41

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

20 PUBLICITY ISSUED N 44
DESCRIPTION N/A 45

NRC USE ONLY

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