

LICENSEE EVENT REPORT

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

01 | F | L | C | R | P | 3 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | _____ | 5
7 8 9 14 15 25 26 30 57 58
LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

01 | L | 0 | 5 | 0 | - | 0 | 3 | 0 | 2 | 7 | 1 | 0 | 1 | 3 | 8 | 1 | 8 | 1 | 1 | 1 | 0 | 8 | 1 | 9
7 8 60 61 68 69 74 75 80
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 | During performance of Refueling Surveillance Activities, various source range neutron
03 | flux monitoring requirements were not met, contrary to T. S. 3.9.2. Requirements were
04 | not met in four (4) instances: 10/13/81/1333: the count rate amp was out of tolerance;
05 | 10/14/81/0226: the rate of change amp was out of tolerance; 10/14/81/1117: source range
06 | detector loop was out of tolerance; 10/22/81/0330: audible counts could not be heard
07 | in containment during core verification. There was no effect upon the health or safety
08 | of the general public. These were the third, fourth, & fifth occurrences for NI-2, the
09 | second for loss of audible counts, & this is the fifth event reported under this Spec-
10 | ification.

09 | I | D | 11 | X | 12 | Z | 13 | I | N | S | T | R | U | 14 | I | 15 | Z | 16 |
9 10 11 12 13 18 19 20
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

17 | 8 | 1 | 0 | 7 | 0 | 0 | 3 | L | 0 |
21 22 23 24 26 27 28 29 30 31 32
LER RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

X | 18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | A | 25 | B | 0 | 4 | 5 | 26
33 34 35 36 37 40 41 42 43 44 45
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 | The cause of the occurrences for NI-2 is attributed to instrument drift. The instru-
11 | ments were recalibrated. The loss of audible counts in containment was due to a
12 | grounded cable. Core alterations were suspended until the cable was bypassed, and
13 | operability was restored at 0550 on 10/22/81. The cable was replaced. No further
14 | corrective action is deemed necessary.

15 | H | 28 | 0 | 0 | 0 | 29 | NA | 30 | B | 31 | Technician observation | 32
7 8 9 10 12 13 44 45 46
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

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

17 | 0 | 0 | 0 | 37 | Z | 38 | NA | 39
7 8 9 11 12 13
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

18 | 0 | 0 | 0 | 40 | NA | 41
7 8 9 11 12
PERSONNEL INJURIES NUMBER DESCRIPTION

19 | Z | 42 | NA | 43
7 8 9 11 12
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

20 | N | 44 | _____ | 45
7 8 9 10
ISSUED DESCRIPTION

8111200700 811110
PDR ADOCK 05000302
S PDR
NRC USE ONLY
68 69 80

NAME OF PREPARER W. A. Hines PHONE: 904/795-6486
(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

SUPPLEMENTARY INFORMATION

Report No.: 50-302/81-070/03L-0

Facility: Crystal River Unit 3

Report Date: November 10, 1981

Occurrence Date: October 13, 1981

Identification of Occurrence:

Various source range neutron flux monitoring requirements were not met during surveillance activities. These occurrences were contrary to Technical Specification 3.9.2.

Conditions Prior to Occurrence:

At 1333 on October 13, 1981, during performance of SP-112, Calibration of the Reactor Protection System, the count rate amplifier for NI-2 was found out-of-tolerance. At 0226, on October 14, 1981, during performance of SP-112, the rate of change amplifier for NI-2 was found out-of-tolerance. At 1117 on October 14, 1981, during performance of SP-220, Source Range Functional Tests During Refueling Operations, the source range detector loop for NI-2 was found out-of-tolerance. At 0330 on October 22, 1981, during core verification, the source range counts could not be heard in the containment.

Designation of Apparent Cause:

The cause of the occurrences for NI-2 is attributed to instrument drift. The loss of audible counts in containment was due to a grounded cable. Core alterations were suspended.

Analysis of Occurrence:

There was no effect upon the health or safety of the general public.

Corrective Action:

The instruments were recalibrated. The grounded cable was bypassed and operability was restored at 0550 on October 22, 1981. The cable was subsequently replaced. No further corrective action is deemed necessary.

Failure Data:

These were the third, fourth, and fifth occurrences for NI-2, the second occurrence for loss of audible counts in containment, and this is the fifth event reported under this Specification.

/rc