NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

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

0 1 | F L C R P 3 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
0 1 | REPORT SOURCE L (6) | 0 5 0 - 0 3 0 2 (7) | 0 7 1 4 8 1 (8) | 0 8 1 2 8 1 (9)
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | At 0954 during normal operation 120 A.C. Vital Bus #3A was de-energized when power was
0 3 | interrupted at the "A" inverter. This created an event contrary to T.S.3.8.2.1. As
0 4 | a result of this event,a Reactor/Turbine trip occurred. Power was restored to the
0 5 | Vital Bus within ten minutes. There was no effect upon the health or safety of the
0 6 | general public. This was the first event of this type,and this is the fifth event
0 7 | reported under this specification.
0 8 |
7 8 9 80

SYSTEM CODE: E C (11) | CAUSE CODE: A (12) | CAUSE SUBCODE: C (13) | COMPONENT CODE: B A T T R Y (14) | COMP. SUBCODE: Z (15) | VALVE SUBCODE: Z (16)
0 9
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR 8 1 (21 22) | — (23) | SEQUENTIAL REPORT NO. 0 4 6 (24 26) | / (27) | OCCURRENCE CODE 0 3 (28 29) | REPORT TYPE L (30) | — (31) | REVISION NO. 0 (32)

ACTION TAKEN: X (18) | FUTURE ACTION: X (19) | EFFECT ON PLANT: A (20) | SHUTDOWN METHOD: C (21) | HOURS (22): 0 0 1 3 (37 40) | ATTACHMENT SUBMITTED: Y (23) | NPRD-4 FORM SUB.: N (24) | PRIME COMP. SUPPLIER: A (25) | COMPONENT MANUFACTURER: C 1 7 3 (26)
33 34 35 36 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The cause of this event is attributed to inadvertent shorting of the "A" Station
1 1 | Battery during maintenance resulting in failure of the "A" Inverter which was supplying
1 2 | power to the Vital Bus. The inverter was repaired. Mainten ce in the battery room
1 3 | will utilize tools with insulated handles, and of a length designed to prevent shorting
1 4 | and caution signs will be posted at the entrance.
7 8 9 80

FACILITY STATUS: E (28) | % POWER: 0 8 0 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: A (31) | DISCOVERY DESCRIPTION (32): Operator Observation
1 5 | 7 8 9 10 12 13 44 45 46 80

ACTIVITY RELEASED: Z (33) | CONTENT OF RELEASE: Z (34) | AMOUNT OF ACTIVITY (35): NA | LOCATION OF RELEASE (36): NA
1 6 | 7 8 9 10 11 44 45 80

PERSONNEL EXPOSURES — NUMBER: 0 0 0 (37) | TYPE: Z (38) | DESCRIPTION (39): NA
1 7 | 7 8 9 11 12 13 80

PERSONNEL INJURIES — NUMBER: 0 0 0 (40) | DESCRIPTION (41): NA
1 8 | 7 8 9 11 12 80

LOSS OF OR DAMAGE TO FACILITY (43) — TYPE: Z (42) | DESCRIPTION: NA
1 9 | 7 8 9 10 80

PUBLICITY — ISSUED: N (44) | DESCRIPTION (45): NA | NRC USE ONLY
2 0 | 7 8 9 10 68 69 80

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PDR ADOCK 05000302
S PDR

NAME OF PREPARER: Charles H Brown | PHONE: 904/795-6486

(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

GPO 917-926

SUPPLEMENTARY INFORMATION

Report #50-302/81-046/03L-0

Facility: Crystal River Unit 3

Report Date: August 12, 1981

Occurrence Date: July 14, 1981

Identification of Occurrence:

120 Volt A.C. Vital Bus #3A was inoperable contrary to Technical Specification 3.8.2.1.

Conditions Prior to Occurrence:

Mode 1 - Power Operation (80%)

Description of Occurrence:

At 0954 during normal operation, 120 volt A.C. Vital Bus #3A was de-energized. The "A" station battery was shorted during maintenance which blew the output fuse of the "A" inverter which supplied the bus. As a result of the lost bus, the interface valve for the turbine generator control fluid opened causing a loss of control fluid resulting in a Turbine/Reactor trip. Power was restored to the Vital Bus within ten (10) minutes.

Designation of Apparent Cause:

The cause of this event is attributed to a personnel error resulting in the short to the battery.

Analysis of Occurrence:

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

Corrective Action:

The "A" Inverter was repaired. Tools with insulated handles and of a length designed to prevent shorting will be obtained for exclusive use in the Battery Room. Additionally, a sign will be installed on the door to the Battery Room to provide sensitive equipment caution to persons entering.

Failure Data:

This was the first event of this type, and this is the fifth event reported under this specification.