

LICENSEE EVENT REPORT

EXHIBIT A

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

⑦ ⑧ ⑨ 0 1 F L C R P 3 ⑭ ⑮ 2 0 0 - 0 0 0 0 0 0 - 0 0 0 ⑳ ㉑ 3 4 1 1 1 1 ㉒ ㉓ 4 ㉔ ㉕ 5

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT 58

CON'T

⑦ ⑧ 0 1 ㉖ L ㉗ 6 ㉘ 0 5 0 - 0 3 0 2 ㉙ ㉚ 7 ㉛ 1 2 2 0 8 2 ㉜ ㉝ 8 ㉞ 0 1 1 9 8 3 ㉟ ㊱

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩

⑦ ⑧ ⑨ 0 2 At 2130, during daily surveillance, it was discovered that the feedwater

0 3 ultrasonic flow indicator, FW-313-FI, was inoperable. This event caused

0 4 train "B" of emergency feedwater to be considered inoperable (TS 3.7.1.2).

0 5 The flow indicator was returned to operability by 2230. Emergency feed-

0 6 water indication was available through steam generator level indicators.

0 7 This was the eighth event for this instrument and the eighteenth report

0 8 under T.S. 3.7.1.2.

SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP. SUBCODE VALVE SUBCODE

⑦ ⑧ 0 9 C H ⑩ E ⑪ G ⑫ I N S T R U ⑬ T ⑭ Z ⑮

LER/RO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO. OCCURRENCE CODE REPORT TYPE REVISION NO.

⑦ ⑧ ⑨ 0 9 8 2 ⑩ — ⑪ 0 7 6 ⑫ — ⑬ 0 3 ⑭ L ⑮ — ⑯ 0

ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPRD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER

⑦ ⑧ ⑨ 0 9 X ⑩ F ⑪ Z ⑫ Z ⑬ 0 0 0 0 ⑭ Y ⑮ N ⑯ A ⑰ C 6 2 6

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳

⑦ ⑧ ⑨ 1 0 This failure was apparently caused by excessive heat in the EFW line,

1 1 causing an electrical malfunction. The EFW line was cooled by cycling

1 2 EFW pump #1, returning the flow indicator to operability. Long-term

1 3 corrective action will be to replace the indicators with conventional

1 4 flow transmitters.

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

⑦ ⑧ ⑨ 1 5 Z ⑩ 0 0 0 0 ⑪ NA ⑫ B ⑬ Operator Observation

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

⑦ ⑧ ⑨ 1 6 Z ⑩ Z ⑪ NA ⑫ NA

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

⑦ ⑧ ⑨ 1 7 0 0 0 0 ⑩ Z ⑪ NA

PERSONNEL INJURIES NUMBER DESCRIPTION

⑦ ⑧ ⑨ 1 8 0 0 0 0 ⑩ NA

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

⑦ ⑧ ⑨ 1 9 Z ⑩ NA

PUBLICITY ISSUED DESCRIPTION

⑦ ⑧ ⑨ 2 0 N ⑩ NA

NAME OF PREPARER P. G. Hughes PHONE: (904) 795-3802

NRC USE ONLY

SUPPLEMENTARY INFORMATION

REPORT NO: 50-302/82-076/03L-0
FACILITY: Crystal River Unit #3
REPORT DATE: January 19, 1983
OCCURRENCE DATE: December 20, 1982

IDENTIFICATION OF OCCURRENCE:

At 2130 on December 20, 1982, the Ultrasonic Flow Indicator on Steam Generator B, FW-313-FI, was inoperable. This event caused Train B of the Emergency Feedwater system to be considered inoperable contrary to Technical Specification 3.7.1.2.

CONDITIONS PRIOR TO OCCURRENCE:

MODE 3 (HOT STANDBY)

DESCRIPTION OF OCCURRENCE:

At 2130 on December 20, 1983, following surveillance, SP-347, of the Emergency Feedwater System (EFW), the Ultrasonic Flow Indicator on Steam Generator B, FW-313-FI, was determined to be inoperable due to actuation of the fault light. The EFW line was cooled and, the flow indicator was returned to operability by 2230.

DESIGNATION OF APPARENT CAUSE:

This failure was apparently caused by excessive heat in the EFW Line B, causing an electrical malfunction in the flow indicator.

Cycling the EFW pump on Train B during routine surveillance, often produces a high enough pressure in the EFW line to cause the check valves to fail to seat properly (EFV-8, EFV-18, and FWV-43). When this happens, steam from the Steam Generator can then enter the line, heating the line and causing a malfunction in the flow indicator. Cycling the EFW pump on Train A, then cools the line and allows the check valves to seat properly.

ANALYSIS OF OCCURRENCE:

There was no effect on public health or safety. Emergency Feedwater indication was available through the Steam Generator Level Indicators.

CORRECTIVE ACTION:

The EFW pump on Train A was cycled, charging the line with cooling water and allowing the check valves to seat properly.

Long term corrective actions are to rework EFV-8, EFV-18, and FWV-43 (during Refuel IV) and to replace the Ultrasonic Flow Indicators with conventional flow transmitters as part of the Emergency Feedwater Initiation and Control (EFIC) upgrade (during Refuel V).

FAILURE DATA:

This is the eighth event for this instrument and the eighteenth report under Technical Specification 3.7.1.2.