UPDATE REPORT - LAST REPORT DATED 3/10/81

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 | F L C R P 3 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T
01 REPORT SOURCE L (6) | 0 5 0 - 0 3 0 2 (7) | 0 8 0 6 8 0 (8) | 0 6 0 1 8 4 (9)
DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 At 0700, while performing SP-340, ECCS Pump Operability, DHV-110, "A" decay
03 heat pump discharge throttle valve, would not control flow in automatic. This
04 created an event contrary to T.S. 3.5.2. DHV-110 did respond in manual
05 control; decay heat loop "B" provided redundancy. There was no effect upon
06 the general public health or safety. This was the sixth occurrence for
07 DHV-110 and the thirteenth event reported under this Specification.
08

SYSTEM CODE	S F (11)
CAUSE CODE	E (12)
CAUSE SUBCODE	E (13)
COMPONENT CODE	I N S T R U (14)
COMP. SUBCODE	C (15)
VALVE SUBCODE	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
8 0	—	0 5 8	/	0 3	X	—	1

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
E (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	C 6 8 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 The cause is attributed to air in the controller sensing line. Operability
11 was restored by venting the sensing line. The sensing lines for DHV-110 and
12 DHV-111 will be vented monthly until permanent corrective action is implement-
ed. An engineering evaluation has determined the following additional correc-
13 tive actions to be implemented: (1) replace existing flow switches with elec-
tronic controls; (2) change out helical gears in valve actuator.
14

15 FACILITY STATUS G (28) | % POWER 0 0 0 (29) | OTHER STATUS (30) N/A | METHOD OF DISCOVERY B (31) | DISCOVERY DESCRIPTION (32) Operator Observation

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

PERSONNEL EXPOSURES
17 NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) N/A

PERSONNEL INJURIES
18 NUMBER 0 0 0 (40) | DESCRIPTION (41) N/A

8406050381 840604
PDR ADOCK 05000302
S PDR

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

PUBLICITY
20 ISSUED N (44) | DESCRIPTION (45) N/A

NRC USE ONLY

NAME OF PREPARER R. H. Thompson PHONE: (904) 795-3802

SUPPLEMENTARY INFORMATION

REPORT NO. : 50-302/80-058/03X-1

FACILITY : Crystal River Unit 3

REPORT DATE : June 1, 1984

OCCURRENCE DATE: August 6, 1980

IDENTIFICATION OF OCCURRENCE:

Failure of DHV-110 to control flow in automatic mode contrary to Technical Specification 3.5.2.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3, HOT STANDBY (0%)

DESCRIPTION OF OCCURRENCE:

At 0700 during performance of SP-340, ECCS Pump Operability, it was discovered that DHV-110, "A" decay heat pump discharge throttle valve, would not control flow in automatic. DHV-110 did respond in manual control; maintenance actions were initiated.

DESIGNATION OF APPARENT CAUSE:

The cause is attributed to air in the sensing line of the controller.

ANALYSIS OF OCCURRENCE:

There was no effect upon the general public health or safety. Redundancy was maintained by the "B" decay heat loop.

CORRECTIVE ACTION:

The sensing lines were vented and a functional check was completed. An engineering evaluation of the control system for DHV-110 and DHV-111 determined the following additional corrective action to be implemented:

1. Replace existing flow switches with electronic controls.

2. Change out helical gears in the valve actuators.

FAILURE DATA:

This was the sixth occurrence reported for DHV-110 and the thirteenth event reported under this Specification.