

011 2 | L | C | R | 2 | 3 | 0 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 4 | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 5

011 L 0 | 5 | 0 | - | 0 | 3 | 0 | 2 | 0 | 1 | 1 | 1 | 9 | 8 | 1 | 0 | 3 | 1 | 1 | 1 | 8 | 1 | 1

012 At 0113 after routine sampling, position indication for containment isolation valve
013 CAV-2 was found to be inoperable contrary to T. S. 3.6.3.1. At 0648 while return-
014 ing CAV-126 to service, its position indication was found to be inoperable & also on
015 2/11/81, CAV-126 was declared inoperable contrary to T.S. 3.6.3.1. In each case
016 the valve was isolated and maintenance performed. Operability was restored to
017 CAV-2 at 0600, to CAV-126 at 1327, and to CAV-126 on 2/17/81 at 0840. There was
018 no effect upon the health or safety of the general public. This was the 6th occur-
019 rence for CAV-2, the 2nd & 3rd occurrences for CAV-126, & the 32nd event reported
under this Specification.

019 SYSTEM CODE S | I | D | CAUSE CODE X | CAUSE SUBCODE X | COMPONENT CODE I | N | I | S | I | T | I | R | U | I | Z |

110 The cause of the first occurrence is unknown at this time. An Engineering evalua-
111 tion of CAV-2 operating problems is in progress. The second occurrence was caused
112 by a defective breaker in the main power supply to the valve. The breaker was
113 replaced and CAV-126 was functionally tested satisfactory. The 3rd occurrence was
114 due to a non-quality breaker used in the repair. The breaker was qualified. A direct-
ive has been issued to prevent recurrence.

115 FACILITY STATUS E | POWER 0 | 1 | 9 | 1 | 7 | OTHER STATUS NA | METHOD OF DISCOVERY B | DISCOVERY DESCRIPTION Operator observation

116 ACTIVITY CONTENT Z | Z | AMOUNT OF ACTIVITY NA | LOCATION OF RELEASE NA

117 PERSONNEL EXPOSURES 0 | 1 | 0 | 0 | Z | DESCRIPTION NA

118 PERSONNEL INJURIES 0 | 1 | 0 | 0 | 0 | DESCRIPTION NA

119 LOSS OF OR DAMAGE TO FACILITY TYPE Z | DESCRIPTION NA

120 FACILITY DESCRIPTION N | Name of Preparer: Victor A. Heiney PHONE (904) 795-6486

(SEE ATTACHED SUPPLEMENTARY INFORMATION SHEET)

SUPPLEMENTARY INFORMATION

Report No.: 50-302/81-004/03L-1

Facility: Crystal River Unit 3

Report Date: March 11, 1981

Occurrence Date: January 19, 1981

Identification of Occurrence:

Inoperable position indication for containment isolation valves contrary to Technical Specification 3.6.3.1.

Conditions Prior to Occurrence:

Mode 1 power operation.

Description of Occurrence:

At 0113 after routine sampling of the Reactor Coolant System, it was discovered that containment isolation valve CAV-2 indicated both open and closed. CAV-1, 3, and 126 were closed and deactivated. Maintenance was performed and operability was restored at 0600. At 0648 while restoring CAV-126 to service, it was discovered that the closed position indication would not actuate. CAV-2 was closed and deactivated; CAV-133 was closed. Maintenance was performed and operability was restored at 1327. On February 11, 1981 at 1417 it was discovered that the repair of CAV-126 involved use of a non-quality part and the valve was declared inoperable. Quality resolution of the part was initiated and operability was restored at 0840 February 17, 1981.

Designation of Apparent Cause:

The cause of CAV-2 indication failure is unknown at this time. CAV-126 indication failure was caused by defective breaker in the main power supply of the valve. The breaker used to repair CAV-126 was non-quality.

Analysis of Occurrence:

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

Corrective Action:

An engineering investigation is in progress to evaluate problems associated with CAV-2. The system breaker for CAV-126 was replaced and a functional test for CAV-126 was satisfactory. The engineering investigation for CAV-2 is REI 80-1-11. The breaker used in CAV-126 was satisfactorily tested and qualified. A directive has been issued to prevent use of non-quality parts in safety-related systems.

Failure Data:

This was the sixth occurrence for CAV-2, the second and third occurrences for CAV-126, and the thirty second event reported under this Specification.

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