NAC FORM 366 (7.77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT EXHIBIT A 1110 CONTROL BLOCK: PLEASE PRINT OR TYPE ALL REQUIRED INFORMATIONS S C N E E 3 3 0 0 0 - 1 0 0 0 0 - 0 0 3 4 1 1 1 1 1 0 0 0 1 10 CONT 0 1 7 0 13 b 2 7 18 3 0 14 2 1 7 18 3 OL 015 SOURCE EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10) 0 2 During a performance test on the LPSW system, it was discovered that no flow was indicated through the B LPI Cooler. Investigation revealed that 03 0 4 valve 3LPSW-78 was closed, preventing the flow. This valve is normally open. The valve was returned to its open condition. The inoperability of 0 5 3 6 LPI Cooler B did not prevent the system from performing its decay heat removal requirements; if needed, because only one cooler is required and 0 7 Cooler A was available. 08 CODE CODE CAUSE SUBCODE SUSCODE SUSCODE COMPONENT CODE 0 9 (11) E (12) B (13) NTIR (15) 2 (18) SEQUENTIAL REPORT NO. REVISION. 0008 REPORT NG. 718 1110 0 11 ATTACHMENT SUBMITTED NPRO-4 HOURS 22 SUPPLIER COMPONENT (18 B (19) 2 (20) 0 10 Y a 124 18 A11 CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27) The cause of the valve closure was the fact that the valve opens "backwards" 10 (clockwise-to-open) and its position indicator was broken. 1 1 the valve was noticed to be partially open earlier the same day during a valve lineup 1 2 check and when the operator "opened" the valve he, in fact, closed it. 113 Corrective actions included opening the valve and repairing the indicator. 1 4 STATUS METHOD OF OTHER STATUS (30) S POWER DISCOVERY DESCRIPTION (3.) 1 5 E (78) 1 0 0 3 NA B (31) During performance test TIVITY CONTENT RELEASED OF RELEASI AMOUNT OF ACTIVITY (35 LOCATION OF RELEASE (36) 1 5 NA NA MASONNEL EXPOSURES DESCRIPTION (39) NUMBER 10 00 23 1 7 NA NULAIES EASONNIL DESCRIPTION (41) UNBER 0 0 0 0 1 8 NA OSS OF OR DAMAGE TO FACILITY 1 9 (42) NA D PUBLICITY 80 DESCRIPTION (45) LN C NAC USE ONLY 20 NA NAME OF PREPARER K. R. Wilson PHON := (704) 373-8197 8001100601

DUKE POWER COMPANY

OCONEE UNIT 3

Report Number: RO-287/78-10

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Report Date: April 21, 1978

Occurrence Date: March 22, 1978

Facility: Oconee Unit 3, Seneca, South Carolina

Identification of Occurrence: Low Pressure Injection System Cooler B Inoperable

Conditions Prior to Occurrence: 100% Full Power

Description of Occurrence:

At approximately 0630 on March 22, 1978 during the performance of OP/3/A/1104/10, Low Pressure Service Water (LPSW) System Valve Lineup Check, it was noted that valve 3LPSW-78 was neither fully open or closed. The utility operator was directed to open the valve; but, when he attempted to do so, he inadvertently closed the valve. The valve operates in the unusual clockwise-to-open configuration. The mechanical position indicator was broken so that his error was not immediately detectable. At approximately 0830 during the performance of PT/3/A/025/1, LPSW Performance Test, it was discovered that no flow could be established through the B cooler. The subsequent investigation indicated the erron ous valve closure and the valve was opened by 0845.

Apparent Caus of Occurrence:

The cause of the occurrence was the broken position indicator coupled with the clockwise-to-coen characteristic of the handwheel.

Analysis of Occurrenc ::

The closure of valve LPSW-78 removed LP Cooler B from service. One cooler is necessary for decay heat removal (FSAR Section 6.1.2.7). Since LP Cooler A was available, the occurrence caused no loss-of-function to the system. Public health and safety were not endangered.

Corrective Action:

The valve was opened to return LP Cooler B to service. All clockwise-toopen valves at the Oconee Station will be identified and tagged and any broken position indicators will be repaired.