

## LICENSEE EVENT REPORT

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

01: F L I T P S 3 02: 0 0 1 - 0 0 0 0 0 0 - 0 0 03: 4 1 1 1 1 1 04: 1 1 1 1 1 1 05: 1 1 1 1 1 1

LICENSEE CODE LICENSE NUMBER LICENSE TYPE CAT ID

CON'T

01: L 6 0 5 0 0 0 0 2 5 0 07: 0 4 0 1 8 1 08: 0 5 0 1 1 8 1 1 09: 1 8 1 1 1 1 1 1

REPORT SOURCE SOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012: In the course of performing planned maintenance, the disc stud nut was

013: discovered to be missing from the 3A main feedwater check valve. During

014: the investigation for the missing nut, the pivot pins were found to be

015: missing from the 3A feedwater bypass check valve. The main and bypass

016: check valves on 'B' and 'C' lines were examined and found to be intact.

017: Previous IERs were 250-79-31 and 251-80-07

018: \_\_\_\_\_

019: H H 11: E 12: B 13: V A L V E I X 14: C 15: A 16: A

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

17: 8 1 21: 0 0 7 22: 0 1 3 23: L 24: 0

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

18: A F 19: Z 20: Z 21: 0 0 0 0 22: Y 23: N 24: A 25: S 1 0 1 7 5

ACTION TAKEN ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED APPROX FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110: The cause of stud nut dislodging from the disc stud was failure of the

111: associated locking device. The cause of the missing pivot pins could not

112: be determined. Both valves were returned to original design. A plant

113: change/modification is being processed to install an improved locking

114: device on the main feedwater check valves during the next extended outage.

115: H 16: 0 1 0 0 17: NA 18: B 19: Preventive maintenance

FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

115: Z 20: Z 21: NA 22: NA 23: NA

ACTIVITY CONTENT RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

117: 0 0 0 0 24: Z 25: NA

PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

117: 0 0 0 0 26: NA

PERSONNEL INJURIES NUMBER DESCRIPTION

117: 0 0 0 0 27: NA

LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

117: Z 28: NA

PUBLICITY ISSUED DESCRIPTION

210: N 29: NA

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Additional Cause Description and Corrective Actions:

The cause of the disc stud nut dislodging from the Disc stud was failure of its associated locking device. Vibration resulted in the disc stud nut "backing off" the disc stud. A new nut was reinstalled and pinned in place to the stud. This missing nut was not found, however, it may be located in the feed ring of 'A' steam generator and as such would not be retrievable. This does not present an unreviewed safety question since the nut is substantially larger than the outlet ports from the feed ring. During the search for the missing nut, the 3A feedwater bypass check valve was found with the pivot pins missing. The pins were replaced and the valve was returned to operable status. The cause of the missing pins is not known.

A plant change/modification has been prepared and is being processed for approval. This modification will provide an improved locking device for the main feedwater check valve disc stud nut. The modification will be implemented during the outage following approval of the plant change/modification.

Component Data:

Main Feedwater Check Valve (CV-3-2900)  
Schutte & Koerting Co.  
14 inch - 900# Bleeder Swing Check Valve with air closing cylinder

Feedwater Bypass Check Valve (20-3-131)  
Crane Co.  
6 inch - Tilting Disc.

