

LICENSEE EVENT REPORT

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

01 F L T P S 4 2 0 0 - 0 0 0 0 0 0 3 4 1 1 1 1 4 9

LICENSEE CODE 14 15 LICENSE NUMBER 23 25 LICENSE TYPE 30 37 CAT 38

CONT
01 L 5 0 5 0 0 0 2 5 1 7 0 5 0 7 8 0 3 0 5 1 2 1 8 0 9

REPORT SOURCE 50 51 DOCKET NUMBER 58 59 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

012 In the course of performing planned maintenance as a result of a problem

013 initially detected on Unit No. 3 (see LER 250-79-31), the disc stud nut

014 was discovered to be missing from the 4A main steam check valve. The nut

015 was recovered from the turbine control valve.. The disc and disc stud

016 were in the proper position and the valve was fully operable as found

017 although the disc stud had sustained some wear damage from the loose flat

018 washer which had remained in place.

09 H B 11 E 12 C 13 V A L V E X 14 C 15 D 16

SYSTEM CODE 9 10 CAUSE CODE 11 CAUSE SUBCODE 12 COMPONENT CODE 13 COMP. SUBCODE 19 VALVE SUBCODE 22

17 8 0 0 7 0 1 T 0

LER/RO REPORT NUMBER 21 22 SEQUENTIAL REPORT NO. 24 25 OCCURRENCE CODE 26 REPORT TYPE 30 REVISION NO. 32

ACTION TAKEN A 18 FUTURE ACTION X 19 EFFECT ON PLANT C 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 ATTACHMENT SUBMITTED Y 23 NRC-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER 5 0 7 5 25

33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

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

111 the associated locking device.. Examination of the other two MSCVs

112 revealed minor disc stud damage. Disc studs will be replaced and an

113 improved locking device will be installed on all three MSCVs prior to

114 starting up from cold shutdown. MSIVs were also examined.

15 G 23 0 0 0 0 29 NA B 31 During maintenance 32

FACILITY STATUS 7 8 9 % POWER 10 11 OTHER STATUS 12 13 METHOD OF DISCOVERY 45 46 DISCOVERY DESCRIPTION 32

115 Z 33 Z 34 NA NA NA 36

ACTIVITY RELEASED OF RELEASE 10 11 AMOUNT OF ACTIVITY 35 LOCATION OF RELEASE 36

17 0 0 0 37 Z 38 NA 39

PERSONNEL EXPOSURES NUMBER 11 12 TYPE 13 DESCRIPTION 39

18 0 0 0 40 NA 41

PERSONNEL INJURIES NUMBER 11 12 DESCRIPTION 41

19 0 0 0 42 NA 43

LOSS OF OR DAMAGE TO FACILITY TYPE 11 12 DESCRIPTION 43

20 Z 44 NA 45

PUBLICITY ISSUED DESCRIPTION 45

20 N 46 NA 47

48 49 50 51 52 53 54 55 56 57 58 59 60

NRC USE ONLY

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REPORTABLE OCCURRENCE 251-80-07
LICENSEE EVENT REPORT
PAGE TWO

Additional Event Description and Probable Consequences:

On Wednesday, May 7, 1980, in the course of performing planned maintenance scheduled as a result of a problem initially detected on Unit No. 3 (see LER 250-79-31), the disc stud nut was discovered missing from the 4A main steam check valve (MSCV). The disc and disc stud were in the proper position and the valve was fully operable as found. The disc stud nut was subsequently recovered from the turbine control valve. The 4A MSCV disc stud had sustained some wear damage from the loose washer which had remained in place. The 4B and 4C MSCVs were inspected and the disc stud nuts were found in place although some distress was noted on the disc stud. Additionally, the main steam isolation valves (MSIVs) were inspected.

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. The disc studs and disc stud nuts on all three MSCVs will be replaced and an improved locking device will be installed prior to starting up from cold shutdown. The improved locking device has been installed on all three MSIVs.

