

LICENSEE EVENT REPORT

UPDATE REPORT

Previous Report Date: 03-12-82

CONTROL BLOCK: [][][][][][] ①

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[0][1] [M][D][C][N][N] 2 [2][0][0]-[0][0][0][0][0] -[0][0] [3][4][1][1][1][1] [4][] ⑤

CON'T
REPORT SOURCE [L] ⑥ [0][5][0][0][0][3][1][8] ⑦ [0][2][1][1][8][2] ⑧ [1][0][2][8][8][2] ⑨
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES ⑩
[0][2] At 0300 during normal plant operation while performing a surveillance
[0][3] test, 22 Steam Generator (S/G) pressure indication on the remote shut-
[0][4] down monitoring instrumentation panel was discovered to be reading high
[0][5] by 44 psi (T.S. 3.3.3.5.a). The transmitter was recalibrated and
[0][6] returned to service at 0430 on 2/23/82.
[0][7] Similar events: none.

SYSTEM CODE [I][D] ⑪ CAUSE CODE [E] ⑫ CAUSE SUBCODE [C] ⑬ COMPONENT CODE [V][A][L][V][E][X] ⑭
COMP. SUBCODE [F] ⑮ VALVE SUBCODE [D] ⑯
LER/RO REPORT NUMBER ⑰ [8][2] ⑲ [] ⑳ [0][0][4] ㉑ [] ㉒ [0][1] ㉓ [X] ㉔ [] ㉕ [1] ㉖
ACTION TAKEN [A] ⑳ FUTURE ACTION [F] ㉑ EFFECT ON PLANT [Z] ㉒ SHUTDOWN METHOD [Z] ㉓ HOURS ㉔ [0][0][0][0] ㉕
ATTACHMENT SUBMITTED [Y] ㉖ NPRD-4 FORM SUB. [N] ㉗ PRIME COMP. SUPPLIER [A] ㉘ COMPONENT MANUFACTURER [R][3][4][4] ㉙

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS ⑳
[1][0] Steam from a large main steam isolation valve packing leak caused the
[1][1] transmitter failure. The valve's junk ring was found to be of the wrong
[1][2] material. Besides relocating the transmitters outside of the MSIV rooms,
[1][3] the proper stock description cards have been changed to require vendor
[1][4] material verification which will be checked upon material receipt.

FACILITY STATUS [E] ㉚ % POWER [1][0][0] ㉛ OTHER STATUS ㉜ [N/A] METHOD OF DISCOVERY [B] ㉝ DISCOVERY DESCRIPTION ㉞ [Surveillance Testing]
ACTIVITY CONTENT RELEASED OF RELEASE ㉟ [Z] ㊱ AMOUNT OF ACTIVITY ㊲ [N/A] LOCATION OF RELEASE ㊳ [N/A]
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION ㊴ [0][0][0] ㊵ [Z] ㊶ [N/A]
PERSONNEL INJURIES NUMBER DESCRIPTION ㊷ [0][0][0] ㊸ [N/A]
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION ㊹ [Z] ㊺ [N/A]

PUBLICITY ISSUED DESCRIPTION ㊻ [N] ㊼ [N/A] PDR ADOCK 05000318 S PDR
NAME OF PREPARER M. A. Junge/ L. F. Basso PHONE: 301-269-4969/4933

LER NO. 82-04/1X, Rev. 1
DOCKET NO. 50-318
LICENSE NO. PDR 69
EVENT DATE 02-11-82
REPORT DATE 10-28-82
ATTACHMENT

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (CONT'D)

The cause of #22 Steam Generator pressure transmitter failure was a large packing leak in #21 main steam isolation valve (MSIV). Upon disassembly of the MSIV, the junk ring was found to be broken into a minimum of 30 pieces. These pieces had been dragged through the packing area, tearing the packing which was eventually blown out by the steam. The ensuing steam disabled the nearby pressure transmitter.

In-house analysis of the MSIV's junk ring and lantern ring showed that both were made of the same material, an alloy steel AISI grade 4140. Neither of the rings were constructed of the nominal materials; carbon steel AISI 1117 for the lantern ring and AISI 1015-1025 for the junk ring. Spares of the proper grade have been ordered for stock.

To prevent recurrence of transmitter failures from valve packing leaks, Facility Change 82-54 has been approved to relocate the pressure transmitters, on both units, to areas outside of the MSIV rooms.

Spare rings were initially ordered in accordance with manufacturer's technical manual although rings of the wrong material were received. To prevent recurrence, the appropriate stock description cards have been changed to include a requirement for vendor material verification which will be checked during receipt inspection.