

ACCESSION NBR: 7909210418 DOC. DATE: 79/09/18 NOTARIZED: NO DOCKET #  
 FACIL: 50-305 Kewaunee Nuclear Power Plant, Wisconsin Public Service 05000305  
 AUTH. NAME: RUITER, G.H. AUTHOR AFFILIATION: Wisconsin Public Service Corp.  
 RECIP. NAME: Region 3, Chicago, Office of the Director

SUBJECT: LER 79-023/03L-0; on 790819, leaks exceeding Tech Spec limit found in two valves in safety valve loop seal drain line & in two RCS drain valves. Caused by thermal cycling during plant startups & shutdowns. Valves torqued shut.

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# LICENSEE EVENT REPORT

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 7 8 | 60 | 61 | 68 | 69 | 74 | 75 | 80  
 REPORT SOURCE      DOCKET NUMBER      EVENT DATE      REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | While at full power operation a safety valve discharge line high temp-  
 0 3 | erature alarm was actuated. Calculated RCS leakrate was greater than the TS 3.1.d.1  
 0 4 | limit. The plant was taken to hot shutdown condition for investigation of leakage.  
 0 5 | The source of the leakage was identified and corrected. The safety valve was not leaking.  
 0 6 | The plant was returned to operation within 8 hours. No effect on public health or  
 0 7 | safety. This report submitted under TS 6.9.2.6.2 requirement for reporting operation  
 0 8 | within an LCO.

0 9 | SYSTEM CODE: C B (11)    CAUSE CODE: X (12)    CAUSE SUBCODE: Z (13)    COMPONENT CODE: V A L V E X (14)    COMP. SUBCODE: F (15)    VALVE SUBCODE: D (16)  
 17 | LER/RO REPORT NUMBER: 7 9 (17)    SEQUENTIAL REPORT NO.: 0 2 3 (18)    OCCURRENCE CODE: / (19)    REPORT TYPE: L (20)    REVISION NO.: 0 (21)  
 ACTION TAKEN: E (22)    FUTURE ACTION: Z (23)    EFFECT ON PLANT: A (24)    SHUTDOWN METHOD: A (25)    HOURS: 0 0 0 8 (26)    ATTACHMENT SUBMITTED: N (27)    NPRD-4 FORM SUB.: N (28)    PRIME COMP. SUPPLIER: N (29)    COMPONENT MANUFACTURER: E 0 9 0 (30)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | Two valves in the safety valve loop seal drain line and two RCS drain valves (which were  
 1 1 | not operated during the refueling shutdown) were found to be leaking. After torquing  
 1 2 | these valves shut; calculated leakrate was below the TS limit. Thermal cycling  
 1 3 | during plant startups and shutdowns is believed to be the cause of this valve  
 1 4 | leakage.

1 5 | FACILITY STATUS: E (28)    % POWER: 1 0 0 (29)    OTHER STATUS: NA (30)    METHOD OF DISCOVERY: A (31)    DISCOVERY DESCRIPTION: Operator Observation (32)

1 6 | ACTIVITY CONTENT: Z (33)    RELEASED OF RELEASE: Z (34)    AMOUNT OF ACTIVITY: NA (35)    LOCATION OF RELEASE: NA (36)

1 7 | PERSONNEL EXPOSURES: NUMBER: 0 0 0 (37)    TYPE: Z (38)    DESCRIPTION: NA (39)

1 8 | PERSONNEL INJURIES: NUMBER: 0 0 0 (40)    DESCRIPTION: NA (41)

1 9 | LOSS OF OR DAMAGE TO FACILITY: TYPE: Z (42)    DESCRIPTION: NA (43)

2 0 | PUBLICITY ISSUED: N (44)    DESCRIPTION: NA (45)

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