UPDATED LER - PREVIOUS REPORT DATE WAS 8-23-83

LICENSEE EVENT REPORT

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

0 1 | LICENSEE CODE: M I D C C 1 (2) | LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) | LICENSE TYPE: 4 1 1 1 1 (4) | CAT: (5)

CON'T

0 1 | REPORT SOURCE: L (6) | DOCKET NUMBER: 0 5 0 0 0 3 1 5 (7) | EVENT DATE: 0 8 0 1 8 3 (8) | REPORT DATE: 1 2 1 6 8 3 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 WHILE PERFORMING THE B AND C LEAK RATE TEST, SEVERAL CONTAINMENT ISOLATION VALVES

0 3 EXHIBITED EXCESSIVE LEAKAGE CAUSING THE TOTAL LEAK RATE TO EXCEED THE LIMIT IMPOSED

0 4 BY TECHNICAL SPECIFICATION 3.6.1.2.b. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.

0 5 PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE: 50-315/82-058, 82-011, 025,

0 6 79-034, 78-037, 77-011, 76-023; 316/83-016, 81-018, 79-020, 053.

0 7

0 8

0 9 | SYSTEM CODE: S D (11) | CAUSE CODE: E (12) | CAUSE SUBCODE: B (13) | COMPONENT CODE: V A L V E X (14) | COMP SUBCODE: X (15) | VALVE SUBCODE: D (16)

(17) LER/RO REPORT NUMBER | EVENT YEAR: 8 3 | — | SEQUENTIAL REPORT NO.: 0 7 2 | / | OCCURRENCE CODE: 0 3 | REPORT TYPE: X | — | REVISION NO.: 1

ACTION TAKEN: A (18) | FUTURE ACTION: Z (19) | EFFECT ON PLANT: Z (20) | SHUTDOWN METHOD: Z (21) | HOURS (22): 0 0 0 0 | ATTACHMENT SUBMITTED: Y (23) | NPRD-4 FORM SUB.: Y (24) | PRIME COMP. SUPPLIER: A (25) | COMPONENT MANUFACTURER: X 9 9 9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 B AND C LEAK RATE TESTING IDENTIFIED SEVERAL VALVES AS HAVING EXCESSIVE LEAK RATES, THE

1 1 LEAK RATES WERE ATTRIBUTED TO A COMBINATION OF DIRT AND SCALE DEPOSIT ON THE SEATING

1 2 SURFACES, EROSION OF THE VALVE SEATS AND AN INCOMPLETE WELD AT THE ELBOW IN THE DOME

1 3 WELD CHANNEL PRESSURIZATION PIPING IN ONE VOLUME. (SEE ATTACHED SUPPLEMENT)

1 4

1 5 | FACILITY STATUS: H (28) | % POWER: 0 0 0 (29) | OTHER STATUS (30): NA | METHOD OF DISCOVERY: B (31) | DISCOVERY DESCRIPTION (32): SURVEILLANCE TEST

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

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

8401040340 831216
PDR ADOCK 05000315
S PDR

LOSS OF OR DAMAGE TO FACILITY (43)

1 9 | TYPE: Z (42) | DESCRIPTION: NA

PUBLICITY

2 0 | ISSUED: N (44) | DESCRIPTION (45): NA | NRC USE ONLY

NAME OF PREPARER R. A. PALMER PHONE (616)465-5901

ATTACHMENT TO LER# 83-072/03X-1

SUPPLEMENT TO CAUSE DESCRIPTION

B AND C LEAK RATE TESTING IDENTIFIED SEVERAL VALVES AS HAVING EXCESSIVE LEAK RATES. THE LEAK RATES WERE ATTRIBUTED TO A COMBINATION OF DIRT AND SCALE DEPOSITS ON THE SEATING SURFACES, EROSION OF THE VALVE SEATS AND AN INCOMPLETE WELD AT THE ELBOW IN THE DOME WELD CHANNEL PRESSURIZATION PIPING IN ONE VOLUME. THE WELD CHANNEL HAD NOT PREVIOUSLY BEEN TESTED SINCE THE REQUIREMENTS OF FSAR APPENDIX Q (RESPONSE TO QUESTION 022.7) STATES THAT ONLY THE CHECK VALVE REQUIRED TO BE TESTED ON THE WELD CHANNEL PRESSURIZATION SYSTEM.

THE VALVES WERE REPAIRED BY A COMBINATION OF CLEANING AND LAPPING THE SEATING SURFACES, REPLACEMENT OF VARIOUS VALVE COMPONENTS AND BY COMPLETING THE INCOMPLETE WELD.

FINAL TEST RESULTS AFTER THE REPAIRS OF NUMEROUS VALVES RESULTED IN AN ACCEPTABLE B AND C LEAK RATE OF 0.26La WHICH IS LOWER THAN THE MAXIMUM ALLOWABLE LIMIT OF 0.6La.

DMB

American Electric Power System
INDIANA & MICHIGAN ELECTRIC COMPANY
DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

December 16, 1983

Mr. J.G. Keppler, Regional Administrator
United States Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

Operating License DPR-58
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications, the following report/s are submitted:

RO 83-072/03X-1

Sincerely,

W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
M.P. Alexich
R.F. Kroeger
H. Brugger
E.R. Swanson, RO:III
R.C. Callen, MPSC
G. Charnoff, Esq.
J.M. Hennigan
R.O. Bruggee, EPRI
INPO
PNSRC
J.F. Stietzel
E.L. Townley
Dir., IE (30 copies)
Dir., MIPC (3 copies)

DEC 19 1983

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