

50-315

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:

Mr. J. G. Keppler

FROM:

Indiana & Michigan Power Company
Bridgman, Michigan
R. W. Jurgensen

DATE OF DOCUMENT

3/24/77

DATE RECEIVED

4/12/77

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

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☐ COPY☒ UNCLASSIFIED

1 SIGNED

DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED

PLANT NAME:

Cook No. 1

(1-P)

RJL

DO NOT REMOVE

ENCLOSURE

Licensee Event Report (RO 50-315/77-11) on 2/22/77 concerning various valves not seating properly, while in Mode 6, during the performance of the type B&C leak rate test... (RO 50-315/77-12) on 3/3/77 concerning the isolation time not being verified following maintenance on #4 steam generator blowdown line isolation valve....

(4-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:

Ziemann

W/3 CYS FOR ACTION

LIC. ASST.:

Diggs

W/ CYS

ACRS/6 CYS HOLDING/SENT AS CAT

INTERNAL DISTRIBUTION

☒ REG FILE

NRC PDR

I & E (2)

MIPC

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: St Joseph, D1

TIC:

NSIC:

CONTROL NUMBER

771050145

80

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INDIANA & MICHIGAN POWER COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106

D. LANHAM



March 24, 1977

REGULATORY DOCKET FILE COPY

Mr. J. G. Keppler, Regional Director
Office of Inspection and Enforcement
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 Appendix A Technical Specifications
and the United States Nuclear Regulatory Commission Regulatory Guide
1.16, Revision 4, Section 2.b, the following reports are submitted:

RO-50-315/77-11

RO-50-315/77-12

Sincerely,

R. W. Jorgensen
R. W. Jorgensen
Plant Manager

RWJ/mj

cc: R. S. Hunter
J. E. Dolan
G. E. Lien
R. Kilburn
R. J. Vollen BPI
R. C. Callen MPSC
K. R. Baker RO: III
R. Walsh, Esq.
P. W. Steketee, Esq.
G. Charnoff, Esq.
G. Olson
J. M. Hennigan
PNSRC
Dir., IE (30 copies)
Dir., MIPC (3 copies)

MAR 28 1977

771050145

WINDY 2000 1000 1000 1000

LICENSEE EVENT REPORT

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: [01] M I D C C 1 [15] 0 0 - 0 0 0 0 0 0 - 0 0 [26] 4 1 1 1 1 1 [31] 0 3 2
7 8 9 14 15 25 26 30 31 *32

REPORT TYPE: [01] CONT [57] [58] [59] L [60] L [61] 0 5 0 - 0 3 1 5 [68] 0 2 2 2 7 7 [74] 0 3 1 8 7 7 [80]
7 8 57 58 59 60 61 68 69 74 75 80

EVENT DESCRIPTION

[02] WHILE IN MODE 6, DURING THE PERFORMANCE OF THE TYPE B&C LEAK RATE TEST, VARIOUS
7 8 9 80
[03] VALVES DID NOT SEAT PROPERLY. ALL REQUIREMENTS OF TECHNICAL SPECIFICATION 3.6.1.2
7 8 9 80
[04] ACTION ITEM HAVE BEEN MET.
7 8 9 80
[05]
7 8 9 80
[06] (R0-50-315/77-11)
7 8 9 80

SYSTEM CODE: [07] S D [10] [11] E [12] V A L V E X [17] [43] 0 [44] X 9 9 9 [47] [48] N
7 8 9 10 11 12 17 43 44 47 48

CAUSE DESCRIPTION

[08] THE MAIN SOURCE OF LEAKAGE EXISTED WITH THE NSW SYSTEM CHECK VALVES AND THE
7 8 9 80
[09] CONTAINMENT PURGE ISOLATION VALVES. THE NSW VALVE FAILURES WERE DUE TO DEPOSITS
7 8 9 80
[10] ON THE SEATING SURFACES FROM THE LAKEWATER. THE CONTAINMENT (See Supplement)
7 8 9 80

FACILITY STATUS: [11] H [9] [10] 0 0 0 [12] [13] NA [44] [45] B [46] SURVEILLANCE TEST
7 8 9 10 12 13 44 45 46 80

FORM OF ACTIVITY RELEASED: [12] Z [9] [10] Z [11] [12] NA [44] [45] NA [46] LOCATION OF RELEASE
7 8 9 10 11 12 44 45 46 80

PERSONNEL EXPOSURES

NUMBER: [13] 0 0 0 [11] [12] Z [13] NA
7 8 9 11 12 13 80

PERSONNEL INJURIES

NUMBER: [14] 0 0 0 [11] [12] NA
7 8 9 11 12 80

PROBABLE CONSEQUENCES

[15] NA
7 8 9 80

LOSS OR DAMAGE TO FACILITY

TYPE: [16] Z [9] [10] NA
7 8 9 10 80

PUBLICITY

[17] NA
7 8 9 80

ADDITIONAL FACTORS

[18] NA
7 8 9 80

[19] NA
7 8 9 80

NAME: J. L. RISCHLING

PHONE: (616) 465-5901 (368)

SUPPLEMENT TO REPORTABLE OCCURRENCE RO-50-315/77-11

SUPPLEMENT TO CAUSE DESCRIPTION

PURGE ISOLATION VALVE FAILURES WERE CAUSED BY THEIR ACTUATORS BEING LOOSE. OTHER VALVE FAILURES WERE RANDOM IN NATURE.

THE CORRECTIVE ACTION TAKEN IS AS FOLLOWS:-

- 1) A DESIGN CHANGE WAS INITIATED TO REPLACE THE NSW CHECK VALVES WITH A TYPE MORE SUITABLE TO THIS TYPE OF SERVICE.
- 2) THE ACTUATORS FOR THE CONTAINMENT ISOLATION VALVES WERE TIGHTENED, THIS SHOULD PREVENT RECURRENCE.
- 3) THE PRACTICE OF REPAIRING VALVES INDICATING SOME LEAKAGE, EVEN WHEN THEIR CONTRIBUTION TO THE TOTAL LEAKAGE IS SMALL, WILL BE CONTINUED.

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 M I D C C I 1 4
 LICENSE NUMBER: 00-000000-0015
 LICENSE TYPE: 411111
 EVENT TYPE: 03

CATEGORY: 01 CONT
 REPORT TYPE: L
 REPORT SOURCE: L
 DOCKET NUMBER: 050-0315
 EVENT DATE: 030377
 REPORT DATE: 032377

EVENT DESCRIPTION

02 | WHILE REVIEWING COMPLETED JOB ORDERS ON MARCH 3, 1977 IT WAS DISCOVERED THAT THE
03 | ISOLATION TIME HAD NOT BEEN VERIFIED FOLLOWING MAINTENANCE ON FEBRUARY 19, 1977 ON #4
04 | STEAM GENERATOR BLOWDOWN LINE ISOLATION VALVE CONTRARY TO THE REQUIREMENTS OF
05 | TECHNICAL SPECIFICATION 4.6.3.1.1.b. TESTING OF THE VALVE WAS IMMEDIATELY INITIATED
06 | AND THE ISOLATION TIME FOUND TO BE 3.8 SECONDS. (Cont'd) (RO-50-315/77-12)

SYSTEM CODE: ZZ
 CAUSE CODE: A
 COMPONENT CODE: ZZZZZZ
 PRIME COMPONENT SUPPLIER: Z
 COMPONENT MANUFACTURER: Z999
 VIOLATION: N

CAUSE DESCRIPTION

08 | FAILURE OF PERSONNEL TO RECOGNIZE ISOLATION TIME TIMING REQUIREMENT ON THE SUBJECT
09 | VALVE.
10 |

FACILITY STATUS: E
 % POWER: 060
 OTHER STATUS: NA
 METHOD OF DISCOVERY: B
 DISCOVERY DESCRIPTION: NA
 FORM OF ACTIVITY RELEASED: Z
 CONTENT OF RELEASE: Z
 AMOUNT OF ACTIVITY: NA
 LOCATION OF RELEASE: NA

PERSONNEL EXPOSURES

13 | 000 Z NA

PERSONNEL INJURIES

14 | 000 NA

PROBABLE CONSEQUENCES

15 | NA

LOSS OR DAMAGE TO FACILITY

16 | Z NA

PUBLICITY

17 | NA

ADDITIONAL FACTORS

18 | NA

19 | NA

NAME: PHONE: 616 465-5901

EVENT DESCRIPTION

MAXIMUM ALLOWED ISOLATION TIME IS 10.0 SECONDS.