

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

9/17/76

DATE RECEIVED

9/28/76

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

One signed copy

☒ ORIGINAL
☐ COPY☒ UNCLASSIFIED

DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED
DO NOT REMOVE

(1-P)

PLANT NAME:

Cook Unit #2

ENCLOSURE

Licensee Event Report (RO 50-315/76-36) on
8/19/76 concerning the C-D diesel generator
failing to start on two successive attempts
while in mode 1 at 100% power, during a
surveillance test.

(2-P)

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

FOR ACTION/INFORMATION 9/29/76

RJL

☒ BRANCH CHIEF: Kniel
W/3 CYS FOR ACTION
☒ LIC. ASST.: Lee
W/1 CYS
ACRS/6 CYS HOLDING/SENT TO LA

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, MI.
☒ TIC:
☒ NSIC:

CONTROL NUMBER

9821

28

11-17

11-17

11-17

11-17

11-17

11-17

11-17

no (11-17) - 11-17
no 11-17 - 11-17
no 11-17 - 11-17
no 11-17 - 11-17
no 11-17 - 11-17

11-17

11-17

11-17

11-17

11-17

11-17

11-17

11-17

11-17

11-17

D. LADHAK

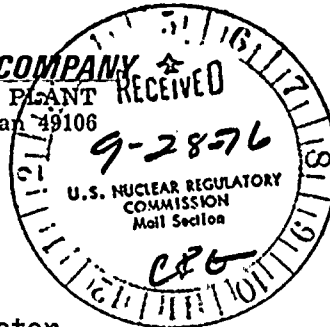
Regulatory

File Cy.



INDIANA & MICHIGAN POWER COMPANY

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



September 17, 1976

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 report is submitted:

RO 50-315/76-36.

Sincerely,

R.W. Jurgensen
Plant Manager

/bab

- 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
P.W. Steketee, Esq.
R. Walsh, Esq.
G. Charnoff, Esq.
G. Olson
J.M. Hennigan
PNSRC
R.S. Keith
Dir., IE (30 copies)
Dir., MIPC (3 copies)

SEP 20 1976

9821

10-10-60

APR 10 1960

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 M I D C C 1	LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0	LICENSE TYPE 4 1 1 1 1	EVENT TYPE 0 3
---	---	---	---

CATEGORY 01 CONT	REPORT TYPE L	REPORT SOURCE L	DOCKET NUMBER 0 5 0 - 0 3 1 5	EVENT DATE 0 8 1 9 7 6	REPORT DATE 0 9 1 7 7 6
---	--	--	--	---	--

EVENT DESCRIPTION

02 WHILE IN MODE 1 AT 100% POWER, DURING A SURVEILLANCE TEST, THE C-D DIESEL GENERATOR
03 FAILED TO START ON TWO SUCCESSIVE ATTEMPTS. AN EMERGENCY JOB ORDER WAS INITIATED,
04 NOTING THAT THE EXCITER INVERTER HAD NO OUTPUT. THE OPERABILITY OF THE SECOND DIESEL
05 GENERATOR WAS VERIFIED BY PERFORMING SURVEILLANCE REQUIREMENT 4.8.1.1.2a.5 AS REQUIRED
06 BY TECHNICAL SPECIFICATION 3.8.1.1, ACTION (SEE SUPPLEMENT) (R0-50-315/76-36)

SYSTEM CODE E E	CAUSE CODE E	COMPONENT CODE G E N E R A	PRIME COMPONENT SUPPLIER L	COMPONENT MANUFACTURER S 2 5 0	VIOLATION Y
--	---	---	---	---	--

CAUSE DESCRIPTION

08 AN IMMEDIATE INVESTIGATION REVEALED: (1) THE ISOLATION VALVES FOR XPS-228 (START TO
09 RUN TRANSFER SIGNAL SWITCH), AND XPS-229 (DISCONNECT FIELD FLASHING AT 80% SPEED),
10 WERE SHUT. THIS RESULTED IN THE DIESEL STOPPING AFTER A 10 SECOND RUN (SEE SUPPLEMENT)

FACILITY STATUS E	% POWER 1 0 0	OTHER STATUS NA	METHOD OF DISCOVERY C	DISCOVERY DESCRIPTION SURVEILLANCE TEST
--	--	--	--	--

FORM OF ACTIVITY RELEASED Z	CONTENT OF RELEASE Z	AMOUNT OF ACTIVITY NA	LOCATION OF RELEASE NA
--	---	--	---

PERSONNEL EXPOSURES

NUMBER 0 0 0	TYPE Z	DESCRIPTION NA
---	---	-------------------

PERSONNEL INJURIES

NUMBER 0 0 0	DESCRIPTION NA
---	-------------------

PROBABLE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

TYPE Z	DESCRIPTION NA
---	-------------------

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 NA

19 NA

NAME: J.L.RISCHLING

PHONE: (616) 465-5901 (368)

SUPPLEMENT TO REPORTABLE OCCURRENCE '050-0315/76-36

SUPPLEMENT TO EVENT DESCRIPTION

ITEM "a", HOWEVER, THE CONTROL ROOM OPERATOR FAILED TO COMPLETE SURVEILLANCE REQUIREMENT 4.8.1.1.1a TO VERIFY CORRECT BREAKER ALIGNMENT WITHIN THE ONE HOUR TIME LIMIT.

SUPPLEMENT TO CAUSE DESCRIPTION

TIME. (2) THE INVERTER FOR GOVERNOR POWER HAD FAILED. THE ISOLATION VALVES FOR XPS-228 AND XPS-229 WERE OPENED AND THE INVERTOR WAS SWITCHED TO AN ALTERNATE POWER SUPPLY. THE DIESEL WAS THEN STARTED AND RAN PROPERLY. THESE VALVES ARE PRESUMED TO HAVE BEEN SHUT DURING A PREVIOUS CALIBRATION CHECK OF THE SPEED INDICATOR. TO PREVENT RECURRENCE, TRAINING WAS HELD WITH ALL C&I PERSONNEL INFORMING THEM OF THE CONSEQUENCES OF LEAVING INSTRUMENTS ISOLATED.

THE INVERTER WAS REPAIRED BY REPLACING AN OSCILLATOR BOARD #V091B, MANUFACTURED BY SOLID STATE CONTROLS, INC. THE SURVEILLANCE TEST WAS THEN COMPLETED SATISFACTORILY.

THE COMPLETION OF THE SURVEILLANCE REQUIREMENTS WAS IN PROGRESS AT SHIFT RELIEF TIME AND THE VERIFICATION OF CORRECT BREAKER ALIGNMENT WAS OVERLOOKED BY THE ONCOMING SHIFT UNTIL APPROXIMATELY SIX HOURS AFTER THE CD DIESEL GENERATOR WAS DISCOVERED INOPERABLE. THE CORRECT BREAKER ALIGNMENT WAS THEN IMMEDIATELY VERIFIED ALTHOUGH THE CD DIESEL GENERATOR WAS AVAILABLE AND BEING TESTED AT THIS TIME. THE IMPORTANCE OF ASSURING THAT ALL SPECIFIED SURVEILLANCE REQUIREMENTS ARE COMPLETED HAS BEEN DISCUSSED WITH THE SHIFT INVOLVED.

40