NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

DOCKET NUMBER: 50-315

FILE NUMBER: INCIDENT REPORT

TO: Mr. J. G. Keppler

FROM: Indiana & Michigan Power Co.
Bridgman, Michigan
R. W. Jurgensen

DATE OF DOCUMENT: 8/4/76

DATE RECEIVED: 8/9/76

☒ LETTER ☐ ORIGINAL ☒ COPY

☐ NOTORIZED ☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED: One signed copy

DESCRIPTION

Ltr. trans the following:

ACKNOWLEDGED!
DO NOT REMOVE

(1-P)

PLANT NAME:

Cook #1

ENCLOSURE

Licensee Event Report (RO 50-315/76-30) on 7/5/76 concerning an ice buildup at the bottom of 2 lower inlet doors while in mode 5, during ice condenser inlet door opening surveillance testing.

(2-P)

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

FOR ACTION/INFORMATION 8/10/76 RJL

☒	BRANCH CHIEF:	Ziemann
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☒	LIC. ASST.:	Diggs
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CONTROL NUMBER: 8059

NRC FORM 195 (2-76)

Regulatory File Cy.

American Electric Power System
INDIANA & MICHIGAN POWER COMPANY
DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106

August 4, 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 50-315/76-30.

Sincerely,

For 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.
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R.S. Keith
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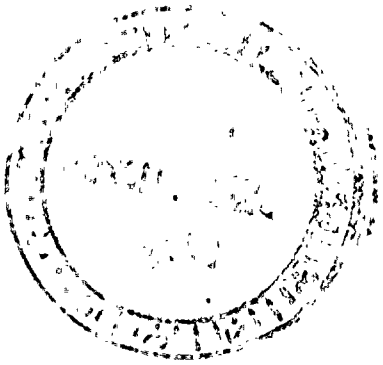
8059



LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–6) (PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	MIDCC1	00-00000-00	4111	03
(7–8, 9–14)		(15–25)	(26–30)	(31–32)

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T		L	L	05003-0315	070576	080476
(7–8)	(57–58)	(59)	(60)	(61–68)	(69–74)	(75–80)

EVENT DESCRIPTION

02 WHILE IN MODE 5, DURING ICE CONDENSER INLET DOOR OPENING TORQUE SURVEILLANCE TESTING, IT
03 WAS FOUND THAT THERE WAS AN ICE BUILDUP AT THE BOTTOM OF 2 LOWER INLET DOORS, BAY 3
04 RIGHT HAND DOOR AND BAY 5 LEFT DOOR. THIS CONDITION CAUSED THE INITIAL OPENING FORCE TO
05 BE IN EXCESS OF TECHNICAL SPECIFICATIONS PARAGRAPH 4.6.5.3.1.b 1 and 2.
06 (RO-50-315/76-30)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	SB	F	XXXXXX	N	W120	N
(7–8)	(9–10)	(11)	(12–17)	(43)	(44–47)	(48)

CAUSE DESCRIPTION

08 SEE SUPPLEMENT.
09
10

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	G	000	NA	B	SURVEILLANCE TESTING
(7–8)	(9)	(10–12)	(13–44)	(45)	(46–80)

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	NA	NA
(7–8)	(9)	(10)	(11–44)	(45–80)

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000	Z	NA
(7–8)	(9–11)	(12)	(13–80)

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	NA
(7–8)	(9–11)	(12–80)

PROBABLE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	NA
(7–8)	(9)	(10–80)

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 SEE SUPPLEMENT

19

NAME: J.L.RISCHLING PHONE: (616)465-5901(368)

SUPPLEMENT TO REPORTABLE OCCURRENCE RO 50-315/76-30

SUPPLEMENT TO CAUSE DESCRIPTION

On the Bay 3 right door, the ice accumulation was removed and the door surface cleaned. The door seal was replaced with an improved design which in the past has proven very effective in reducing air leakage, which in turn reduces the amount of condensation and resultant ice buildup.

During an outage in April, 1976, the original door seal on the Bay 5 left door was replaced with an experimental prototype seal utilizing two sealing lips. The inspection during the July, 1976, outage indicated that the air pocket between the seal lips tends to form a nearly static air pocket which increases the ice formation from air leakage into this air pocket volume. The ice accumulation was removed from both the seal and door frame and the seal-to-door contacting surface was cleaned. To prevent this problem from reoccuring, the lower seal retainer was adjusted to permit improved seal contact in the areas of icing.

ADDITIONAL FACTORS

Technical Specification 4.6.5.3.1.b inspections for the first year of operation have been completed and the 18 month interval now applies. However, as a result of finding ice buildup on the doors, this inspection will be conducted again during or before the next refueling outage which is currently planned for late 1976.