D. LANHAM

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

June 8, 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 50-315/76-25

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

JUN 10 1976

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	41111	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	05000-3155	051376	060876
(7–8)	(57–59)	(59)	(60)	(61–68)	(69–74)	(75–80)

EVENT DESCRIPTION

02 WHILE IN MODE 5, A REVIEW OF DATA TAKEN ON S/G 2 AND 4 MISMATCH PROTECTION SET II
03 INDICATES THAT THE ERROR FOUND IN SQUARE ROOT EXTRACTOR IFY-521B (2.425%) WAS IN EXCESS
04 OF THE ERROR ALLOWED IN TECH SPEC TABLE 2.2-1 #14.
05
06 (RO-50-315/76-25)

	SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07	IA	D	ZZZZZZ	Z	Z999	N
(7–8)	(9–10)	(11)	(12–17)	(43)	(44–47)	(48)

CAUSE DESCRIPTION

08 A REVIEW OF TECHNICAL SPECIFICATIONS TABLE 2.2-1 INDICATES THAT THE ALLOWABLE MAXIMUM FOR
09 THIS CHANNEL SETPOINT IS ONLY 0.5% HIGHER THAN THE UPPER LIMIT OF THE SETPOINT BAND
10 ESTABLISHED BY THIS TABLE. A REQUEST FOR DESIGN CHANGE WAS (SEE SUPPLEMENT)

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	G	000	NA	B	SURVEILLANCE TEST
(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 NA

19 NA

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

SUPPLEMENT TO REPORTABLE OCCURRENCE RO-50-315/76-25

SUPPLEMENT TO CAUSE DESCRIPTION

INITIATED TO LOWER THE SETPOINT OF THE BISTABLE TO AFFORD AN INCREASED DRIFT TOLERANCE. THE CHANNEL WAS RECALIBRATED TO WITHIN ALLOWABLE LIMITS AND RETURNED TO SERVICE.