

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8105210335 DOC DATE: 81/05/15 NOTARIZED: NO DOCKET # 05000316
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana &
 AUTH NAME: AUTHOR AFFILIATION
 RISCALING, J. L. Indiana & Michigan Electric Co.
 RECIP NAME: RECIPIENT AFFILIATION
 Region 3, Chicago, Office of the Director

SUBJECT: LER 81-016/03L-0: on 810416, setpoint value for turbine impulse chamber pressure distable was discovered to be wrong. Caused by incorrect Tech Specs. Distables reset. Tech Spec change in progress.

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 TITLE: Incident Reports

NOTES: Send 3 copies of all material to I&E.

05000316

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	A/D PLANT SYS10	1	1	A/D RAD PROT 11	1	1
	A/D SFTY ASSE12	1	1	ACC EVAL BR 14	1	1
	AEOD	3	3	AEOD/DMU	3	3
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	MECH ENG BR 33	1	1	NRC PDR 02	1	1
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	NSIC 05	1	1			

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INDIANA & MICHIGAN ELECTRIC COMPANY

DONALD C. COOK NUCLEAR PLANT
P.O. Box 458, Bridgman, Michigan 49106
(616) 465-5901

May 15, 1981

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-74
Docket No. 50-316

Dear Mr. Keppler:

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

RO 81-015/03L-0
RO 81-016/03L-0.

Sincerely,

D.V. Shaller
Plant Manager

/bab

cc: J.E. Dolan
R.S. Hunter
R.W. Jurgensen
R.F. Kroeger
R.W. Kilburn
E. Swanson/N. DuBry RO:III
R.C. Callen MPSC
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REGULATORY DOCKET FILE COPY

MAY 28 1981

MAY 18 1981



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LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CON'T

0	1
7	8

REPORT SOURCE

L	6	0	5	0	0	0	3	1	6	7	0	4	1	6	8	1	8	0	5	1	5	8	1	9
60	61								68	69						74	75							80
DOCKET NUMBER										EVENT DATE								REPORT DATE						

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

SYSTEM CODE I B 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE R E L A Y S 14		COMP. SUBCODE D 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 17		EVENT YEAR 8 1		SEQUENTIAL REPORT NO. 0 1 5		OCCURRENCE CODE 0 3		REPORT TYPE L		REVISION NO. 0	
ACTION TAKEN E 18		FUTURE ACTION X 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD L 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER N 25		COMPONENT MANUFACTURER G 0 8 0 0 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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

PERSONNEL EXPOSURES									
NUMBER			TYPE	DESCRIPTION					
1	7	0	0	0	(37)	Z	(38)	NA	

8		9		11		12	
		LOSS OF OR DAMAGE TO FACILITY					
TYPE		DESCRIPTION					
1	9	Z	(42)	NA			

	7	8	9	10																	80		
				PUBLICITY																	NRC USE ONLY		
				ISSUED	DESCRIPTION	(45)																	
	2	0	N	(44)	NA																		

PHONE: 616-465-5901

ATTACHMENT TO LER# 81-015/03L-0

SUPPLEMENT TO CAUSE DESCRIPTION

T 21A, T 21B and T 21D BUSSES. THESE DID NOT AFFECT THE OPERABILITY OF THE ACTUATION SETPOINTS SINCE IT REQUIRES SIGNALS FROM TWO OF THREE RELAYS TO ACTUATE THE DIESEL START AND LOAD SHEDDING SEQUENCE.

ONLY ONE RELAY ACTUATED BELOW THE T.S. TOLERANCE. THESE RELAY SETPOINTS, ALTHOUGH IN EXCESS OF THE PLUS OR MINUS 18 VOLT LIMIT, WOULD HAVE ACTUATED BEFORE THE T.S. VALUE WAS REACHED. A RE-EVALUATION OF THE PRESENT TOLERANCES OF THESE RELAYS, MANUFACTURED BY G. E., MODEL NO. NGV13, IS IN PROGRESS.

0-25-11

LICENSEE EVENT REPORT

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	2	2	0	0	0	0	0	0	0	0	0	0	0	3	4	1	1	1	1	4			5
7	8	LICENSEE CODE						14	15	LICENSE NUMBER										25	26	LICENSE TYPE				30	57	CAT	58

0	1
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0	1	REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									
7	8	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80																			
		L	6	0	5	0	0	0	3	1	6	7	0	4	1	6	8	1	8	0	5	1	5	8	1	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | WHILE REVIEWING ENGINEERING DOCUMENTS ON APRIL 16, 1981, IT WAS DISCOVERED THAT THE

0 3 | T. S. SETPOINT VALUE FOR THE TURBINE IMPULSE CHAMBER PRESSURE BISTABLES IS WRONG (T.S.

0 4 | TABLE 3.3-1 P-7 INTERLOCK, 55 PSIA). THE CORRECT VALUE SHOULD BE 55 PSIG. SINCE

0 5 | INITIAL CRITICALITY, THESE BISTABLES HAVE BEEN SET TO A MAXIMUM VALUE OF 66 PSIA,

0 6 | WHICH IS CONSISTENT WITH A VALUE OF 55 PSIG. THESE BISTABLES HAVE BEEN RESET TO

0 7 | 55 PSIA UNTIL A T.S. CHANGE IS APPROVED CORRECTING THIS ERROR.

0 8 | 7 8 9

0 9		SYSTEM CODE I A		CAUSE CODE B		CAUSE SUBCODE A		COMPONENT CODE Z Z Z Z Z				COMP. SUBCODE Z		VALVE SUBCODE Z	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
LER/RO REPORT NUMBER		EVENT YEAR		SHUTDOWN METHOD		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.			
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
E	X	Z		Z		0	0	0	N	N	Z	Z	9	9	9

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

INVESTIGATION REVEALED THAT THE 55 PSIA LIMIT IDENTIFIED BY THE ENGINEERING DOCUMENT AND T.S. TABLE 3.3-1 SHOULD ACTUALLY BE 55 PSIG. A T.S. CHANGE IS IN PROGRESS TO CHANGE THE SETPOINTS TO A MAXIMUM VALUE OF 66 PSIA. THE TURBINE IMPULSE CHAMBER PRESSURE BISTABLES ARE PRESENTLY SET AT 55 PSIA UNTIL THIS T.S. CHANGE IS APPROVED.

7 8 9

FACILITY STATUS (28) H

% POWER (29) 0 0 0

OTHER STATUS (30) NA

METHOD OF DISCOVERY (31) A

DISCOVERY DESCRIPTION (32) DOCUMENT REVIEW

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 Z 33 Z 34 NA

AMOUNT OF ACTIVITY (35)

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES		TYPE		DESCRIPTION
NUMBER				
1	7	0	0	0
		(37)	Z	(38)
				NA

7		8	9	11			12	13	
PERSONNEL INJURIES									
NUMBER				DESCRIPTION					
1	8	0	0	0	(40)	NA			

7		8	9	11		12	13	
		LOSS OF OR DAMAGE TO FACILITY						
		TYPE		DESCRIPTION				
1	9	Z	(42)	NA				

7 8 9 10
 PUBLICITY
 ISSUED DESCRIPTION (45) NA
 (2) (0) (N) (44)
 NRC USE ONLY

NRC USE ONLY

NAME OF PREPARER J. L. Rischling

PHONE: 616-465-5901

MAY 27 1981