

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8105120378 DOC.DATE: 81/05/05 NOTARIZED: NO DOCKET: #
 FACIL:50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH.NAME: WIZNER,D.G. AUTHOR AFFILIATION: Indiana & Michigan Electric Co.
 RECIP.NAME: REGION 3, Chicago, Office of the Director

SUBJECT: LER 81-013/03L-0: on 810428, all charging pumps were removed from svc contrary to Tech Spec requirements. Caused by leak on east pump discharge isolation valve CS-300 E. Valve repacked. Drain valve CS-349 also repacked.

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05000316

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INTERNAL:	A/D COMP&STRU06		1	1	A/D ENV TECH 07	1	1
	A/D MATL & QU08		1	1	A/D OP REACT009	1	1
	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
	AE0D		3	3	AEOD/DMU	3	3
	ASLBP/J.HARD		1	1	AUX SYS BR 15	1	1
	CHEM ENG BR 16		1	1	CONT SYS BR 17	1	1
	CORE PERF BR 18		1	1	DIR, ENGINEERI20	1	1
	DIR, HUM FAC S21		1	1	DIR, SYS INTEG22	1	1
	EFF TR SYS BR23		1	1	EQUIP QUAL BR25	1	1
	GEOSCIENCES 26		1	1	I&C SYS BR 29	1	1
	I&E 05		1	1	JORDAN, E./IE	1	1
	LIC GUID BR 30		1	1	MATL ENG BR 32	1	1
	MECH ENG BR 33		1	1	NRC PDR 02	1	1
	OR ASSESS BR 35		1	1	POWER SYS BR 36	1	1
	RAD ASSESS BR39		1	1	REACT SYS BR 40	1	1
	REG FILE 01		1	1	REL & RISK A 41	1	1
	SFTY PROG EVA42		1	1	STRUCT ENG BR44	1	1
EXTERNAL:	ACRS	46	16	16	LPDR	03	1
	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 5, 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 81-010/03L-0
RO 81-011/03L-0
RO 81-012/03L-0
RO 81-013/03L-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
G. Charnoff, Esq.
J.M. Hennigan
W. Lavallee EPRI
PNSRC
J.F. Stietzel
E.L. Townley
Dir., IE (30 copies)
Dir., MIPC (3 copies)

RO/I
4

MAY 7 1981

CONTROL BLOCK:

0	1	M	I	D	C	C	2	2	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	

REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

7 8 60 61 68 69 74 75 80

0 1 L 6 0 5 0 0 0 3 1 6 7 0 4 1 1 8 1 8 0 5 0 5 8 1 9

02 DURING SURVEILLANCE INSPECTION OF INACCESSIBLE HYDRAULIC SNUBBERS PER T.S. 4.7.7.1A,
03 SNUBBERS NO. 1 AND NO. 29 WERE FOUND INOPERABLE. SNUBBER NO. 29 HAD A FLUID LEAK AT
04 THE CYLINDER END CAP. SNUBBER NO. 1 WAS FOUND UPSIDE DOWN. SNUBBER NO. 1 WAS ALSO
05 SCHEDULED FOR FUNCTIONAL TEST PER T.S. 4.7.7.1C AND FAILED THE TEST. 11 SNUBBERS IN
06 ADDITION TO THE INITIAL 11 WERE TESTED AS REQUIRED WITH NO FAILURES. PUBLIC HEALTH AND
07 SAFETY WERE NOT AFFECTED. SIMILAR OCCURRENCES INCLUDE: RO 78-086/03L-0 AND FOR DOCKET
08 NO. 050-0315: RO 79-019/03L-0 AND; RO 78-029/03L-0.

SYSTEM CODE Z Z (11)		CAUSE CODE E (12)		CAUSE SUBCODE B (13)		COMPONENT CODE S U P P O R T (14)				COMP. SUBCODE D (15)		VALVE SUBCODE Z (16)	
LER/RO REPORT NUMBER 8 1 (17)		EVENT YEAR 8 1 (21) 22		SEQUENTIAL REPORT NO. 0 1 0 (24) 26		OCCURRENCE CODE 0 3 (28) 29		REPORT TYPE L (30)		REVISION NO. 0 (32)			
ACTION TAKEN A (18)		FUTURE ACTION Z (19)		EFFECT ON PLANT Z (20)		SHUTDOWN METHOD Z (21)		HOURS 0 0 0 0 (22) 37 40		ATTACHMENT SUBMITTED N (23)		NPRD-4 FORM SUB. Y (24)	
PRIME COMP. SUPPLIER A (25)		COMPONENT MANUFACTURER I 2 0 7 (26)											

1 0 THE LEAK ON SNUBBER NO. 29 WAS DUE TO SEPARATION OF A GLUED JOINT OF THE END SEAL O-
1 1 RING, GRINNELL NO. 150ES007250400. THE O-RING HAS BEEN REPLACED WITH A MOLDED O-RING
1 2 WITHOUT A GLUED JOINT. THE EXTENSION ROD LOCKNUT ON SNUBBER NO. 1 HAD LOOSENED, ALLOW-
1 3 ING THE SNUBBER TO FLIP OVER. THE LOCKNUT WAS TIGHTENED AND STAKED. BOTH SNUBBERS WERE
1 4 RETESTED. INSPECTION FREQUENCY CHANGED TO ONCE PER 6 MONTHS PER T.S. TABLE 4.7-9.

FACILITY STATUS (28) 1 5 H 28 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

% POWER 0 0 0 29 NA OTHER STATUS (30) METHOD OF DISCOVERY (31) B 31 18 MONTH INSPECTION DISCOVERY DESCRIPTION (32)

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 9 33 Z 34 NA

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

45 80

LOCATION OF RELEASE (36)

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

		PERSONNEL INJURIES						
		NUMBER			DESCRIPTION			(41)
1	8	0	0	0	(40)	NA		

TYPE		DESCRIPTION	(43)
1	9	Z	(42) NA

PUBLICITY

ISSUED DESCRIPTION (45)

(2) (0) (N) (44) NA

NRC USE ONLY

NAME OF PREPARER DAVID G. WIZNER

PHONE: 616-465-5901

LICENSEE EVENT REPORT

CONTROL BLOCK:

							(1)
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	M	I	D	C	C	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	LICENSE NUMBER												25	LICENSE TYPE					30			57	CAT	58

CON'T

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	1	8	1	8	0	5	0	5	8	1	9															

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | DURING A REFUELING OUTAGE, SURVEILLANCE TEST DATA REVEALED THAT STEAM LINE PRESSURE

0 3 | TRANSMITTER (MPP-210) AS FOUND DATA WAS AT A VALUE WHICH EXCEEDS THE LCO VALUE FOR

0 4 | DIFFERENTIAL PRESSURE BETWEEN STEAM LINES, T.S. TABLE 3.3-4 ITEM I.E. THE DIFFEREN-

0 5 | TIAL PRESSURE ALARM WOULD HAVE ACTUATED AT 114.6 PSI. PREVIOUS OCCURRENCES OF A

0 6 | SIMILAR NATURE INCLUDE: 050-316/80-20.

0 7 |

0 8 | _____ 8

SYSTEM CODE		CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE				COMP. SUBCODE	VALVE SUBCODE	
S H		E	E	I	N	S	T	R	T	Z
9 10		11	12	13	14	15	16	17	18	
EVENT YEAR			SEQUENTIAL REPORT NO.			OCCURRENCE CODE		REPORT TYPE		REVISION NO.
8 1			0 1 1		/	0 3		L		0
21 22		23	24 25 26		27	28 29		30	31	32
ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS		ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER	
E	Z	Z	Z	0 0 0 0		N	Y	N	F 1 8 0	
33	34	35	36	37 38 39 40		41	42	43	44 45 46 47	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE TRANSMITTER (FOXBORO, E11GM-HSAE1) WAS RECALIBRATED TO WITHIN ALLOWABLE VALUES.

1 1 THE CAUSE OF THIS EVENT IS CONSIDERED TO BE INSTRUMENT DRIFT.

1 2

1 3

1 4

7	8	9											80	
FACILITY STATUS		% POWER			OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					80
1	5	H	0	0	0	NA	B	SURVEILLANCE TEST					80	
7	8	9	10	11	12	13	14	15	16	17	18	19	20	

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35)
1 6 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
NA NA

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

PERSONNEL INJURIES		DESCRIPTION	
NUMBER			
1	8	0	0
0	0	0	40
		NA	

7		8	9	11		12	13
		LOSS OF OR DAMAGE TO FACILITY				(43)	
		TYPE	DESCRIPTION				
1	9	Z	(42)	NA			

7	8	9	10	PUBLICATION										80												
ISSUED			DESCRIPTION										80													
2	0	N	44	NA										NRC USE ONLY												
7	8	9	10											68	69											80

NAME OF PREPARER J. L. Rischling

PHONE: 616-465-5901

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6 (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	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34								
LICENSEE CODE														LICENSE NUMBER										LICENSE TYPE										57 CAT 58	

0	1	L	6	0	5	0	0	0	3	1	6	7	0	4	1	3	8	1	8	0	5	0	5	8	1	9							
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34						
CON'T		REPORT SOURCE		DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 DURING SURV. INSP. PER. T.S. 4.6.5.9, CRACKS WERE IDENTIFIED IN DIVIDER BARRIER SEAL.

0 3 THE CRACKS DID NOT PENETRATE THE SEAL AND THE SEAL INTEGRITY REMAINED INTACT. THE

0 4 EVENT DID NOT AFFECT PUBLIC HEALTH AND SAFETY. SIMILAR EVENTS WERE REPORTED AS RO 79-

0 5 043/03X-1 AND FOR DOCKET 05000315, 80-014/03L-0 AND 79-029/03L-0.

0 6

0 7

0 8

0	9	S	B	11	E	12	X	13	X	X	X	X	X	14	Z	15	Z	16	17	8	1	21	22	0	1	2	24	25	0	3	28	29	L	30	0	32	U	0	6	6	26
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE								COMP. SUBCODE		VALVE SUBCODE		LER/RO REPORT NUMBER		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.													
ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER																									

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 THE DEFECTIVE PORTIONS OF THE SEAL (APPROX. 35 LINEAR FEET) WERE REPLACED. THE SPECIF-

1 1 IC CAUSE FOR THE CRACKS COULD NOT BE DETERMINED. HOWEVER, DUE TO THE NUMBER OF PREVI-

1 2 OUS FAILURES, THE UNIROYAL 3807 MATERIAL WAS REPLACED WITH UNIROYAL 41300 MATERIAL IN

1 3 THE AREAS WHICH HAD CRACKS.

1	4	H	28	0	0	0	29	NA	30	B	31	SURVEILLANCE INSPECTION	32	NA	36
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION							
ACTIVITY CONTENT RELEASED OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE											
1	5	Z	33	Z	34	NA	35	NA	36						
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION											
1	6	0	0	0	37	Z	38	NA	39						
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PERSONNEL INJURIES NUMBER		DESCRIPTION													
1	7	0	0	0	40	NA	41								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION													
1	8	Z	42	NA	43										
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
PUBLCITY ISSUED DESCRIPTION															
1	9	N	44	NA	45										
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

NAME OF PREPARER DAVID G. WIZNERPHONE: 616-465-5901

NRC USE ONLY

LICENSEE EVENT REPORT

CONTROL BLOCK:

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

CON'T

REPORT SOURCE 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9
 7 8

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | WHILE IN MODE 5, ALL CHARGING PUMPS WERE REMOVED FROM SERVICE IN ORDER TO REPACK THE

0 3 | EAST PUMP DISCHARGE ISOL. VALVE TO THE SEAL INJECTION FILTERS. NO CHARGING PUMPS WERE

0 4 | OPERABLE, CONTRARY TO REQUIREMENTS OF T.S. 3.1.2.3. THE ACTION REQUIREMENTS WERE MET.

0 5 | PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED. THIS WAS THE FIRST OCCURENCE OF THIS TYPE.

0 6 |

0 7 |

0 8 |

7 8 9

09		SYSTEM CODE P C		11	CAUSE CODE E		12	CAUSE SUBCODE B A L V E X						14	COMP. SUBCODE F		15	VALVE SUBCODE D		16																																																								
7	8	9	10		11	12	13	14	15	16	17	18	19	20																																																														
17 LER/RO REPORT NUMBER		EVENT YEAR 8 1		22	SEQUENCE REPORT NO. 0 1 3		26	OCCURRENCE CODE 0 3		29	REPORT TYPE L		31	REVISION NO. 0		32	ACTION TAKEN D		18	FUTURE ACTION Z		19	EFFECT ON PLANT Z		20	SHUTDOWN METHOD Z		21	HOURS 0 0 0 0				22	ATTACHMENT SUBMITTED N		23	NPRD-4 FORM SUB. N		24	PRIME COMP. SUPPLIER N		25	COMPONENT MANUFACTURER V 0 8 5				26																													
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 VALVE CS-300E HAD A PACKING LEAK AND THERE WAS NO MORE ADJUSTMENT OF THE PACKING GLAND

1 1 REMAINING. CS-300E WAS REPACKED. ALSO, THE EAST CHARGING PUMP DRAIN VALVE, CS-349,

1 2 WAS REPACKED. THE PUMPS WERE THEN RETURNED TO SERVICE.

1 3

1 4

7		8		9		FACILITY STATUS		% POWER		OTHER STATUS		30		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		32			
1		5		H		28		0		0		29		NA		A		31		OBSERVATION OF PACKING LEAK	
7		8		9		ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		35		44		45		46		80	
1		6		Z		33		Z		34		NA		44		45		46		80	
7		8		9		PERSONNEL EXPOSURES NUMBER		TYPE		DESCRIPTION		39		44		45		46		80	
1		7		0		0		0		37		Z		38		NA		44		80	
7		8		9		PERSONNEL INJURIES NUMBER		DESCRIPTION		41		44		45		46		80			
1		8		0		0		0		40		NA		44		45		46		80	
7		8		9		LOSS OF OR DAMAGE TO FACILITY TYPE		DESCRIPTION		43		44		45		46		80			
1		9		Z		42		NA		44		45		46		80					
7		8		9		PUBLICITY ISSUED		DESCRIPTION		45		44		45		46		80			
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA		44		45		46		80					
7		8		9		10		11		12		13		14		15		16		17	
2		0		N		44		NA													

NAME OF PREPARER DAVID G. WIZNER

PHONE: 616-465-5901

