

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8706170502 DOC. DATE: 87/06/08 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 PARIS, J. M. Indiana & Michigan Electric Co.
 SMITH, W. G. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 83-077/01X-1: on 830824, control room smoke detectors declared inoperable. Caused by difference in interpretation of what required to meet requirements of Unit Tech Spec Statement initiated. W/870608 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD3-3 LA	1 1	PD3-3 PD	1 1
	WIGGINGTON, D	1 1		
INTERNAL:	ACRS MICHELSON	1 1	ACRS MOELLER	2 2
	AEOD/DOA	1 1	AEOD/DSP/ROAB	2 2
	AEOD/DSP/TPAB	1 1	DEDRO	1 1
	NRR/DEST/ADE	1 0	NRR/DEST/ADS	1 0
	NRR/DEST/CEB	1 1	NRR/DEST/ELB	1 1
	NRR/DEST/ICSB	1 1	NRR/DEST/MEB	1 1
	NRR/DEST/MTB	1 1	NRR/DEST/PSB	1 1
	NRR/DEST/RSB	1 1	NRR/DEST/SGB	1 1
	NRR/DLPQ/HFB	1 1	NRR/DLPQ/QAB	1 1
	NRR/DOEA/EAB	1 1	NRR/DREP/RAB	1 1
	NRR/DREP/RPB	2 2	NRR/PMAS/ILRB	1 1
	NRR/PMAS/PTSB	1 1	REG FILE 02	1 1
	RES DEPY GI	1 1	RGN3 FILE 01	1 1
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
	LPDR	1 1	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1

NAC FORM 306
(7-77)

LICENSEE EVENT REPORT

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					37	CAT	58		
		LICENSEE CODE							LICENSEE NUMBER											LICENSE TYPE									

CONT

0 1

REPORT SOURCE L 0 5 0 0 0 3 1 6 7 0 8 2 4 8 3 8 0 6 0 8 8 7 9

80 81 DOCKET NUMBER 82 83 EVENT DATE 84 85 REPORT DATE 86

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 ON AUGUST 24, 1983 FOLLOWING A DISCUSSION WITH THE NRC REGION
03 III, WE DECLARED OUR CONTROL ROOM SMOKE DETECTORS INOPERABLE.
04 THIS IS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION
05 3.3.3.8 TABLE 3.3-11 ITEM 2. THE DETECTORS WERE DECLARED
06 INOPERABLE BECAUSE WE HAVE NOT SATISFACTORILY DEMONSTRATED
07 THAT THE DETECTORS WILL PERFORM AS INSTALLED. (SEE ATTACHED
08 SUPPLEMENT)

09		SYSTEM CODE AB		11	CAUSE CODE B		12	CAUSE SUBCODE A		13	COMPONENT CODE I N S T R U					14	COMP. SUBCODE E		15	VALVE SUBCODE Z		16									
7	8	9	10		11		12		13		14	15	16	17	18	19	20	21	22												
17		LEAK/RO REPORT NUMBER		EVENT YEAR 83		SEQUENTIAL REPORT NO. 077		OCCURRENCE CODE 01		REPORT TYPE X		REVISION NO. 1		ACTION TAKEN FZ		FUTURE ACTION Z		EFFECT ON PLANT Z		SHUTDOWN METHOD Z		HOURS 0000		ATTACHMENT SUBMITTED Y		NPR-4 FORM SUB. N		PRIME COMP. SUPPLIER A		COMPONENT MANUFACTURER P435	
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

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 THIS EVENT WAS CAUSED BY THE DIFFERENCE IN THE INTERPRETATION OF
11 OF WHAT WAS REQUIRED TO MEET THE REQUIREMENTS OF UNIT 2 FACILITY
12 OPERATING LICENSE NO. DPR-74, SECTION 2.c.(3)(b). (SEE
13 ATTACHED SUPPLEMENT)

7 8 9

FACILITY STATUS (1) 5 (2) E (28) % POWER (1) 0 (2) 0 (29) NA OTHER STATUS (30) METHOD OF DISCOVERY (1) D (31) DISCOVERY DESCRIPTION (32) NRC NOTIFICATION

ACTIVITY CONTENT
RELEASED OF RELEASE

1 6 9 10 11

7 8 9 10 11

AMOUNT OF ACTIVITY (35)

NA

LOCATION OF RELEASE (36)

NA

PERSONNEL EXPOSURES		DESCRIPTION	
NUMBER	TYPE		
1 7	0 0 0 0 (37) Z (38)	NA (39)	

PERSONNEL INJURIES		DESCRIPTION (41)	
NUMBER			
18	000	(40)	NA

19		20		21		22		23		24		25		26		27		28		29		30	
LOSS OF OR DAMAGE TO FACILITY (43)																							
TYPE DESCRIPTION																							
19		20		21		22		23		24		25		26		27		28		29		30	
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PUBLICITY
 ISSUED DESCRIPTION (45)
 (2) (0) (Z) (44) NA
 8706170502 870608
 PDR ADDCK 05000316
 S PDR
 NRC USE ONLY

NAME OF PREPARER J. M. PARIS

PHONE: (616) 465-5901

IEZZ

ATTACHMENT TO LER #83-077/01X-1

SUPPLEMENT TO EVENT DESCRIPTION

ON AUGUST 24, 1983, FOLLOWING A DISCUSSION WITH THE NRC REGION III, WE DECLARED OUR CONTROL ROOM SMOKE DETECTORS INOPERABLE. THIS IS NON-CONSERVATIVE WITH RESPECT TO TECHNICAL SPECIFICATION 3.3.3.8 TABLE 3.3-11 ITEM 2. THE DETECTORS WERE DECLARED INOPERABLE BECAUSE WE HAVE NOT SATISFACTORILY DEMONSTRATED THAT THE DETECTORS WILL PERFORM AS INSTALLED, FOLLOWING THE INITIAL TESTING AND ENGINEERING MODIFICATIONS THAT RESULTED FROM THAT TESTING. TESTS HAVE BEEN PERFORMED WHICH DEMONSTRATE THAT THE INDIVIDUAL DETECTORS WILL FUNCTION. UPON DECLARING THE DETECTORS INOPERABLE WE IMMEDIATELY INITIATED THE REQUIRED TECHNICAL SPECIFICATION ACTION STATEMENT.

WE BELIEVE THAT THERE HAVE BEEN NO ADVERSE CONSEQUENCES AS A RESULT OF THE DETECTORS NOT BEING TESTED IN THE INSTALLED OR MODIFIED CONDITIONS. THIS CONCLUSION IS BASED ON THE FACT THAT THE CONTROL ROOMS HAVE BEEN CONTINUOUSLY INHABITED.

REFERENCES

AEP:NRC:0670F - DATED OCTOBER 11, 1985

ATTACHMENT TO LER #83-077/01X-1

SUPPLEMENT TO CAUSE DESCRIPTION

THIS EVENT WAS CAUSED BY THE DIFFERENCE IN THE INTERPRETATION OF WHAT WAS REQUIRED TO MEET THE REQUIREMENTS OF UNIT 2 FACILITY OPERATING LICENSE NO. DPR-74, SECTION 2.c(3). SPECIFICALLY, WE PREVIOUSLY HAD INTERPRETED THE TESTING IN THE INSTALLED CONDITION AS NOT AFFECTING THE OPERABILITY OF THE DETECTORS.

ON SEPTEMBER 15, 1983, A FIRE DETECTION SYSTEM TEST WAS SATISFACTORILY PERFORMED IN THE UNIT 1 CONTROL ROOM. THE TEST WAS SUCCESSFUL IN DEMONSTRATING THAT A FIRE IN A CLOSED CONTROL CABINET WOULD BE DETECTED BY THE CEILING MOUNTED IONIZATION SMOKE DETECTION SYSTEM. THE TEST WAS WITNESSED BY TWO OUTSIDE CONSULTANTS IN WHICH THEY INDICATED THAT THE TEST SUCCESSFULLY DEMONSTRATED OPERABILITY OF THE FIRE DETECTION SYSTEM. THE CONTROL ROOM IONIZATION SMOKE DETECTION SYSTEM WAS DECLARED OPERABLE AND RETURNED TO SERVICE ON JANUARY 4, 1984.

SINCE BOTH UNIT 1 AND UNIT 2 CONTROL ROOMS ARE SIMILAR WITH RESPECT TO EQUIPMENT LAYOUT INCLUDING IONIZATION DETECTORS, AIR CONDITIONING DIFFUSERS AND RETURNS, THIS TEST WAS DEEMED APPLICABLE TO BOTH UNIT 1 AND UNIT 2 CONTROL ROOMS.



INDIANA & MICHIGAN ELECTRIC COMPANY

Donald C. Cook Nuclear Plant
P.O. Box 458, Bridgman, Michigan 49106

June 8, 1987

United States Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Operating License DPR-58
Docket No. 50-315

Document Control Manager:

In accordance with the criteria established by 10 CFR 50.73
entitled Licensee Event Reporting System, the following
report is being submitted:

83-077/01X-1

The subject issue was resolved in January of 1984, however we
have no record documenting the submittal of an updated report.

Sincerely,

W. G. Smith, Jr.
Plant Manager

/afh

Attachment

cc: John E. Dolan
A. B. Davis, Region III
M. P. Alexich
R. F. Kroeger
H. B. Brugger
R. W. Jurgensen
NRC Resident Inspector
R. C. Callen
G. Charnoff, Esq.
D. Hahn
INPO
D. Wigginton, NRC
PNSRC
A. A. Blind
Dottie Sherman, ANI Library
File

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