

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D.C. COOK PLANT UNIT -1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 1 5										PAGE (3) 1 OF 0 1									
TITLE (4) INOPERABLE FIRE BARRIER																													
EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																				
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES					DOCKET NUMBER(S)															
0	5	0	7	8	5	8	5	0	2	4	0	0	0	6	0	6	8	5	0 5 0 0 0										
OPERATING MODE (9) 5			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)																										
POWER LEVEL (10) 0 0 0			20.402(b)					20.405(c)					50.73(a)(2)(iv)					73.71(b)											
			20.405(a)(1)(i)					50.36(c)(1)					50.73(a)(2)(v)					73.71(c)											
			20.405(a)(1)(ii)					50.36(c)(2)					50.73(a)(2)(vii)					OTHER (Specify in Abstract below and in Text, NRC Form 366A)											
			20.405(a)(1)(iii)					X 50.73(a)(2)(i)					50.73(a)(2)(viii)(A)																
			20.405(a)(1)(iv)					50.73(a)(2)(iii)					50.73(a)(2)(viii)(B)																
			20.405(a)(1)(v)					50.73(a)(2)(iii)					50.73(a)(2)(ix)																
LICENSEE CONTACT FOR THIS LER (12)										TELEPHONE NUMBER																			
NAME J.F. STIETZEL - QUALITY CONTROL SUPERINTENDENT										AREA CODE 6 1 6 4 6 5 1 - 5 9 1 0 1 1																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPD																			
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)																			
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO																			
MONTH										DAY										YEAR									

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

ON MAY 7, 1985, AT 1039 HOURS WITH UNIT 1 IN MODE 5 (COLD SHUTDOWN), OPERATIONS PERSONNEL DISCOVERED A DEFECTIVE FIRE SEAL (IEEE/SEAL) IN THE CEILING OF THE CONTROL ROOM CABLE VAULT. THE DEFECTIVE FIRE SEAL CONSTITUTED AN INOPERABLE FIRE BARRIER AS ADDRESSED IN TECHNICAL SPECIFICATION 3.7.10.

CONTINUOUS FIRE WATCH COVERAGE WAS ESTABLISHED AT 1039 HOURS, MAY 7, 1985. THE SEAL WAS DECLARED OPERABLE AT 1334 HOURS FOLLOWING TEMPORARY REPAIRS. PERMANENT REPAIRS WERE COMPLETED ON MAY 17, 1985.

THE DEFECT CONSISTED OF AN UNSEALED HOLE, OF APPROXIMATELY 0.75 INCHES IN DIAMETER. DISCUSSIONS WITH ALL GROUPS WHO WERE WORKING IN THIS AREA AND A REVIEW OF SELECTIVE DOCUMENTATION COULD NOT POSITIVELY IDENTIFY THE GROUP RESPONSIBLE FOR BREACHING THIS PENETRATION. HOWEVER, AN APRIL 18, 1985, INSPECTION OF THE PENETRATIONS IN THIS FIRE ZONE DID NOT IDENTIFY THIS DEFICIENCY.

TO PREVENT RECURRENCE, THE MANAGEMENT OF BOTH CONSTRUCTION AND MAINTENANCE DEPARTMENTS HAVE BEEN REQUESTED TO REVIEW THIS EVENT WITH SUPERVISORY PERSONNEL RESPONSIBLE FOR PERFORMING SIMILAR WORK.

SINCE THE OPEN PENETRATION WAS LOCATED IN THE CEILING OF THE PROTECTED AREA AND WOULD HAVE HAD A MINIMAL EFFECT ON THE CO2 CONCENTRATION WITHIN THAT AREA AND THE FIRE DETECTION SYSTEM WAS OPERABLE THROUGHOUT THE PERIOD IN QUESTION, IT IS CONCLUDED THAT THERE WAS NO APPRECIABLE DEGRADATION OF THE CONTROL ROOM CABLE VAULT FIRE SUPPRESSION SYSTEM.

PREVIOUS SIMILAR EVENTS INCLUDE: 316/85-6 AND 315/85-18.



INDIANA & MICHIGAN ELECTRIC COMPANY

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

June 6, 1985

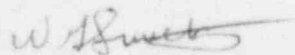
United States Nuclear Regulatory Commission
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Document Control Manager:

In accordance with the criteria established by 10CFR50.73
entitled Licensee Event Reporting System, the following
report/s are being submitted:

RO 85-024-0


W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
J.G. Keppler, RO:III
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