

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
DONALD C. COOK NUCLEAR PLANT, UNIT 1DOCKET NUMBER (2)
0 5 0 0 0 3 1 1 5 1 OF 0 2TITLE (4)
OPERATION OUTSIDE L.C.O. FOR TECHNICAL SPECIFICATION 3.6.1.7EVENT DATE (5)
MONTH DAY YEAR
0 4 0 7 8 5
LER NUMBER (6)
YEAR SEQUENTIAL NUMBER REVISION NUMBER
8 5 - 0 1 1 - 0 0 0
REPORT DATE (7)
MONTH DAY YEAR
0 5 0 7 8 5
OTHER FACILITIES INVOLVED (8)
FACILITY NAMES
D. C. COOK, UNIT 2
DOCKET NUMBER(S)
0 5 0 0 0 3 1 1 6
0 5 0 0 0OPERATING MODE (9)
3
POWER LEVEL (10)
0 0 0
THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)
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)(ii) 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)
NAME
K. R. BAKER, OPERATIONS SUPERINTENDENT
TELEPHONE NUMBER
AREA CODE
6 1 6 4 6 5 - 5 9 0 1COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NPDs
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NPDsSUPPLEMENTAL REPORT EXPECTED (14)
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO
EXPECTED SUBMISSION DATE (15)
MONTH DAY YEAR

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

ON 04/07/85 AT 2035 HOURS WITH UNIT 1 IN MODE 3 (HOT STANDBY) IN PREPARATION FOR A REFUELING OUTAGE, A CONTAINMENT PURGE WAS BEGUN IN ACCORDANCE WITH AN APPROVED PROCEDURE WHICH ESTABLISHED MORE THAN ONE PURGE SUPPLY AND EXHAUST PATH. TECHNICAL SPECIFICATION 3.6.1.7 ONLY ALLOWS ONE PURGE SUPPLY AND EXHAUST PATH WHEN IN MODES 1 - 4. AT 2155 ON 04/07/85 THE CONTAINMENT PURGE WAS REDUCED TO ONE SUPPLY AND EXHAUST PATH AFTER THE ON DUTY SHIFT TECHNICAL ADVISOR DISCOVERED THE DISPARITY BETWEEN THE SYSTEM LINE UP AND THE TECHNICAL SPECIFICATION.

THE PROCEDURES FOR CONTAINMENT PURGE HAVE BEEN CHANGED FOR BOTH UNITS TO INCORPORATE THE TECHNICAL SPECIFICATION LIMITATIONS.

BASED ON ALL INFORMATION AVAILABLE AT THAT TIME, ALL OF THE CONTAINMENT PURGE ISOLATION VALVES WERE OPERABLE DURING THIS EVENT AND WOULD HAVE BEEN CAPABLE OF CLOSING ON CONTAINMENT ISOLATION SIGNAL. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.

SUBSEQUENT LEAK TESTING CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF 10 CFR 50 APPENDIX J (TYPE B & C TESTING) REVEALED EXCESSIVE SEAT LEAKAGE ON VCR-105, WHICH WAS PART OF THE OPERATING PURGE PATH. THE DETAILS OF THAT EVENT WILL BE DISCUSSED IN A SEPARATE LER.

8505170363 850507
PDR ADOCK 05000315
S PDR

IE22
1/1

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
DONALD C. COOK NUCLEAR PLANT, UNIT 1	0 5 0 0 0 3 1 5	8 5	— 0 1 1	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

ON 04/07/85 AT 2035 HOURS WITH UNIT 1 IN MODE 3 (HOT STANDBY) IN PREPARATION FOR A REFUELING OUTAGE, A CONTAINMENT PURGE WAS BEGUN IN ACCORDANCE WITH AN APPROVED PROCEDURE WHICH ESTABLISHED MORE THAN ONE PURGE SUPPLY AND EXHAUST PATH. TECHNICAL SPECIFICATION 3.6.1.7 ONLY ALLOWS ONE PURGE SUPPLY AND EXHAUST PATH WHEN IN MODES 1 - 4. AT 2155 ON 04/07/85 THE CONTAINMENT PURGE WAS REDUCED TO ONE SUPPLY AND EXHAUST PATH AFTER THE ON DUTY SHIFT TECHNICAL ADVISOR DISCOVERED THE DISPARITY BETWEEN THE SYSTEM LINE UP AND THE TECHNICAL SPECIFICATION. THERE HAVE BEEN NO OTHER PURGES PERFORMED FOR EITHER UNIT IN MODES 1 - 4 SINCE TECHNICAL SPECIFICATION 3.6.1.7 BECAME EFFECTIVE.

THE PROCEDURES FOR CONTAINMENT PURGE HAVE BEEN CHANGED FOR BOTH UNITS TO INCORPORATE THE TECHNICAL SPECIFICATION LIMITATIONS.

TECHNICAL SPECIFICATION 3.6.1.7 WAS ISSUED AS AN AMENDMENT ON 12/08/82. THE PROCEDURES WERE NOT CHANGED TO INCORPORATE THE AMENDMENT.

A TECHNICAL SPECIFICATION AMENDMENT REVIEW PROCESS WAS INSTITUTED ON 03/02/84 WHICH IS DESIGNED TO PREVENT A RECURRENCE OF THIS TYPE BY ENSURING THAT NECESSARY PROCEDURE CHANGES ARE MADE.

BASED ON ALL INFORMATION AVAILABLE AT THAT TIME, ALL OF THE CONTAINMENT PURGE ISOLATION VALVES WERE OPERABLE DURING THIS EVENT AND WOULD HAVE BEEN CAPABLE OF CLOSING ON CONTAINMENT ISOLATION SIGNAL. THE PUBLIC HEALTH AND SAFETY WERE NOT AFFECTED.

SUBSEQUENT LEAK TESTING CONDUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF 10 CFR 50 APPENDIX J (TYPE B & C TESTING) REVEALED EXCESSIVE SEAT LEAKAGE ON VCR-105, WHICH WAS PART OF THE OPERATING PURGE PATH. THE DETAILS OF THAT EVENT WILL BE DISCUSSED IN A SEPARATE LER.

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
DONALD C. COOK NUCLEAR PLANT, UNIT 1

DOCKET NUMBER (2)

0 5 0 0 0 3 1 1 5 1 OF 0 2

TITLE (4)

MISSED SURVEILLANCES REQUIRED BY TECHNICAL SPECIFICATIONS

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	4	10	8	5	8	5	0	1	2	0	0	0	5	0	0	0			
0	4	10	8	5	8	5	0	1	2	0	0	0	5	0	0	0			
OPERATING MODE (9)		3		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)															
POWER LEVEL (10)		0		0		0		0		5		0		7		8		5	
20.402(b)				20.406(c)				50.73(a)(2)(iv)				73.71(b)							
20.406(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)							
20.406(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)							
20.406(a)(1)(iii)				50.73(a)(2)(i)		X		50.73(a)(2)(vii)(A)											
20.406(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(vii)(B)											
20.406(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)											

LICENSEE CONTACT FOR THIS LER (12)

NAME
K. R. BAKER, OPERATIONS SUPERINTENDENT

TELEPHONE NUMBER

AREA CODE

6 1 6 4 6 5 - 5 9 0 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) ☒ NO ☐

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

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

ON 04-10-85 AT ABOUT 0600 HOURS WITH THE UNIT IN MODE 3 (HOT STANDBY) FOR AN ABNORMALLY EXTENDED PERIOD IN PREPARATION FOR A REFUELING OUTAGE, CONTROL OF CONTAINMENT ACCESS WAS TRANSFERRED FROM THE CONTROL ROOM TO SECURITY PERSONNEL POSTED AT THE CONTAINMENT AIR LOCKS. THE UNIT SUPERVISOR (SENIOR REACTOR OPERATOR LICENSED) MISINTERPRETED A PLANT INSTRUCTION WHICH RESULTED IN THE SECURITY PERSONNEL NOT BEING INSTRUCTED TO DOCUMENT PERFORMANCE OF THE CONTAINMENT AIR LOCK SEAL VISUAL INSPECTION AND THE CONTAINMENT CLEANLINESS INSPECTION REQUIRED BY TECHNICAL SPECIFICATIONS DURING MODE 3 OPERATION. THE UNIT SUPERVISOR (SENIOR REACTOR OPERATOR LICENSED) FROM THE FOLLOWING SHIFT REALIZED THIS MISINTERPRETATION AT ABOUT 1350 HOURS AFTER A REVIEW OF THE PLANT INSTRUCTION. AT THIS TIME DOCUMENTATION OF THE SURVEILLANCES WAS RESUMED. A LETTER WAS WRITTEN TO OPERATIONS PERSONNEL EMPHASIZING THE REQUIREMENTS OF CONTAINMENT ACCESS. NO ADVERSE SAFETY CONSEQUENCES RESULTED FROM THIS EVENT.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
DONALD C. COOK NUCLEAR PLANT, UNIT 1	0 5 0 0 0 3 1 5	8 5	— 0 1 2	— 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

ON 04-10-85 AT ABOUT 0600 HOURS WITH THE UNIT IN MODE 3 (HOT STANDBY) FOR ABNORMALLY EXTENDED PERIOD IN PREPARATION FOR A REFUELING OUTAGE, CONTROL OF CONTAINMENT ACCESS WAS TRANSFERRED FROM THE CONTROL ROOM TO SECURITY PERSONNEL POSTED AT THE CONTAINMENT AIR LOCKS BY THE UNIT SUPERVISOR (SENIOR REACTOR OPERATOR LICENSED).

DUE TO A MISINTERPRETATION OF THE GOVERNING PLANT INSTRUCTION BY THE UNIT SUPERVISOR, THE SECURITY PERSONNEL'S INSTRUCTIONS DID NOT INCLUDE THE REQUIREMENT TO DOCUMENT THE PERFORMANCE OF THE CONTAINMENT AIR LOCK SEALS VISUAL INSPECTION REQUIRED BY TECHNICAL SPECIFICATION 4.6.1.3 AFTER EACH PASSAGE THROUGH THE AIR LOCK OR THE CONTAINMENT CLEANLINESS INSPECTION REQUIRED BY TECHNICAL SPECIFICATION 4.5.2.b.2 AFTER THE COMPLETION OF EACH CONTAINMENT ENTRY. THERE IS NO RECORD OF THESE SURVEILLANCES HAVING BEEN PERFORMED BY PERSONNEL ENTERING/EXITING CONTAINMENT DURING THIS TIME.

THE UNIT SUPERVISOR (SENIOR REACTOR OPERATOR LICENSED) FROM THE FOLLOWING SHIFT RECOGNIZED THE PROBLEM AFTER A REVIEW OF THE PLANT INSTRUCTION AND RESUMED CONTROL OF CONTAINMENT ACCESS AT ABOUT 1350 HOURS. DOCUMENTATION OF THE REQUIRED SURVEILLANCES WAS RESUMED AT THIS TIME.

AS PREVENTATIVE ACTION, A LETTER WAS WRITTEN TO OPERATIONS PERSONNEL EMPHASIZING THE REQUIREMENTS OF CONTAINMENT ACCESS WHILE CONTAINMENT INTEGRITY IS REQUIRED.

THERE WERE NO ADVERSE SAFETY CONSEQUENCES DUE TO THIS EVENT.



INDIANA & MICHIGAN ELECTRIC COMPANY

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

May 7, 1985

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

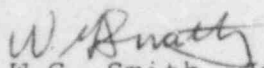
Operating License DPR-58
Docket No. 50-315

Document Control Manager:

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

RO 85-011-0
RO 85-012-0

Sincerely,


W.G. Smith, Jr.
Plant Manager

/cbm

Attachment

cc: John E. Dolan
J.G. Keppler, RO:III
M.P. Alexich
R.F. Kroeger
H.B. Brugger
R.W. Jurgensen
NRC Resident Inspector
R.C. Callen, MPSC
G. Charnoff, Esq.
J.M. Hennigan
INPO
PNSRC
A.A. Blind
J.F. Stietzel
Dottie Sherman, ANI Library

IE22
1/1