

CATEGORY 1

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ACCESSION NBR: 9803310286 DOC. DATE: 98/03/24 NOTARIZED: NO DOCKET #
 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana M 05000316
 AUTH. NAME AUTHOR AFFILIATION
 ACKERMAN, M. American Electric Power Co., Inc.
 SAMPSON, J.R. American Electric Power Co., Inc.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 98-002-00: on 980224, informed by Senior Resident
 inspector that NRR provided position re PORV operability
 requirements in Modes 1, 2 & 3. Caused by condition outside
 design basis. Event currently evaluated. W/980324 ltr.

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Indiana Michigan
Power Company
Cock Nuclear Plant
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Bloomington, IN 47408



March 24, 1998

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Operating Licenses DPR-74
Docket No. 50-316

Document Control Manager:

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

98-002-00

Sincerely,


J. R. Sampson
Site Vice President

/mbd

Attachment

c: A. B. Beach, Region III
E. E. Fitzpatrick
P. A. Barrett
S. J. Brewer
R. Whale
D. Hahn
Records Center, INPO
NRC Resident Inspector

16321

9803310286 980324
PDR ADOCK 05000316
S PDR

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)
Donald C. Cook Nuclear Plant - Unit 2DOCKET NUMBER (2)
50-316

Page 1 of 1

TITLE (4)

Interim LER - PORV Inoperability Results in Condition Outside Design Basis.

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 NAME	DOCKET NUMBER
02	24	98	98	-- 002 --	00	03	24	98	None	
OPERATING MODE (9)		5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
POWER LEVEL (10)		00	20.2201(b)		20.2203(a)(3)(i)		50.73(a)(2)(iii)		73.71(b)	
			20.2203(a)(1)		20.2203(a)(3)(ii)		50.73(a)(2)(iv)		73.71e	
			20.2203(a)(2)(i)		20.2203(a)(4)		50.73(a)(2)(v)		OTHER	
			20.2203(a)(2)(ii)		50.36(c)(1)		50.73(a)(2)(vii)		(Specify in Abstract below and in Text, NRC Form 366A)	
			20.2203(a)(2)(iii)		50.36(c)(2)		50.73(a)(2)(viii)(A)			
			20.2203(a)(2)(iv)		50.73(a)(2)(i)		50.73(a)(2)(viii)(B)			
			20.2203(a)(2)(v)		50.73(a)(2)(ii)		50.73(a)(2)(x)			

LICENSEE CONTACT FOR THIS LER (12)

NAME

Mr. Mark Ackerman, Nuclear Licensing Manager

TELEPHONE NUMBER (Include Area Code)

616/465-5901, x2604

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

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

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR
05	29	98

ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines) (16)

On February 24, 1998, Cook was informed by the Senior Resident Inspector that the Office of Nuclear Reactor Regulations (NRR) had provided a position concerning PORV operability requirements in Modes 1, 2, and 3. NRR concluded that the emergency backup air supply system must be operable in those modes for the applicable Pressurizer Power Operated Relief Valves (PORVs) to be operable. As a result of this conclusion, one of the Unit 2 PORVs, 2-NRV-152, could have been inoperable from March 9, 1994 to October 5, 1994. This interim LER is being submitted under 10CFR50.73(a)(2)(ii) as an unanalyzed condition outside the design basis.

Technical Specification (T/S) 3.4.11, Reactor Coolant System, Relief Valves - Operating, contains a surveillance requirement to verify the operation of the solenoid air control valves and check valves in the PORV control system. The previous interpretation of this surveillance requirement was that successful completion of the surveillance assured operability of the PORVs during Low Temperature Overpressure Protection (LTOP) operations, primarily Modes 4 and 5. This interpretation was considered to be consistent with the SER issued for T/S Amendments 176 and 161 for Units 1 and 2, respectively. Since the T/S Action Statement was not entered due to the interpretation regarding the emergency air supply system, Unit 2 was potentially in a T/S 3.0.3 condition during the period when 2-NRV-152 was inoperable. Following an internal review of NRR's position, this condition was determined reportable under 10CFR50.72 (b)(2)(I) and an ENS notification was made at 1826 hours on March 4, 1998.

Unit 2-NRV-152 was repaired and restored to operable status in October of 1994. Therefore, the condition being reported no longer exists. This event is currently being evaluated from both a technical and licensing perspective.

It is expected that an update to this interim LER will be submitted by May 29, 1998.