

CATEGORY 1

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ACCESSION NBR: 9709260290 DOC. DATE: 97/09/22 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH. NAME AUTHOR AFFILIATION
 GILLESPIE, B. Indiana Michigan Power Co.
 BLIND, A.A. Indiana Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: LER 97-012-00: on 970826, interim LER - potential operation of
 CCW sys above design basis value for heat exchanger outlet
 constituting condition outside design basis was determined.
 Caused by procedure error. Procedures revised. W/970922 ltr.

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Indiana Michigan
Power Company
Cook Nuclear Plant
One Cook Place
Bridgman, MI 49106



September 22, 1997

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

Operating Licenses DPR-58
Docket No. 50-315

Document Control Manager:

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

97-012-00

Sincerely,

A handwritten signature in cursive script, appearing to read 'A. A. Blind', is written above the typed name.

A. A. Blind
Site Vice President

/mbd

Attachment

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

IE2011

9709260290 970922
PDR ADOCK 05000315
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 (MNBB 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 1DOCKET NUMBER (2)
50-315

Page 1 of 1

TITLE (4)

Interim LER - Potential Operation of CCW System Above Design Basis Value for Heat Exchanger Outlet
Constitutes 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
08	26	97	97	-- 012 --	00	09	22	97	Cook, Unit 2	50-316
									FACILITY NAME	DOCKET NUMBER

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50.72: (Check one or more) (11)				
POWER LEVEL (10)	100	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)	73.71(c)
		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)	X	50.73(a)(2)(ii)	50.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME
Mr. Bob Gillespie, Operations SuperintendentTELEPHONE NUMBER (Include Area Code)
616/465-5901, x2535

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs

SUPPLEMENTAL REPORT EXPECTED (14)

X YES

NO

EXPECTED
SUBMISSION
DATE (15)

MONTH

DAY

YEAR

11

17

97

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

On August 26, 1997 with Units 1 and 2 at 100 percent Rated Thermal Power, it was determined that both units had operated outside the design basis for Component Cooling Water (CCW) maximum temperature. It was determined that this event was reportable under 10CFR50.72(B)(1)(ii)(B) as a condition outside the design basis, and an ENS notification was made at 1553 hours on August 26, 1997. This interim LER is being submitted under 10CFR50.73(a)(2)(ii) as a condition outside the design basis.

Contrary to Table 9.5-3 in the FSAR which states that the maximum CCW heat exchanger outlet temperature is 95 degrees Fahrenheit, guidance provided in the Operations procedures allowed CCW heat exchanger outlet temperature to reach 120 degrees Fahrenheit during the first three hours of RHR operation. This guidance has existed in the CCW procedure since its initial issue in 1974.

Investigation into this event is continuing. The Operations department procedures have been revised to delete the reference to the 120 degrees Fahrenheit limit. Evaluation of the safety consequences of this condition, and other similar conditions reported separately via ENS during the period August 8, 1997 to September 12, 1997, is ongoing. An update to this interim LER will be issued by November 17, 1997.