

CATEGORY 1

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 FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana M 05000315
 AUTH.NAME: AUTHOR AFFILIATION
 KINGSEED, J. Indiana Michigan Power Co.
 BLIND, A.A. Indiana Michigan Power Co.
 RECIP.NAME: RECIPIENT AFFILIATION

SUBJECT: LER 97-010-00: on 970808, interim LER - design basis value for
 svc water inlet temperature exceeded resulting in operation
 outside design basis was determined. SE being performed to
 support rev of value currently contained in UFSAR.

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



September 8, 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:

97-010-00

Sincerely,

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

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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 - Design Basis Value for Service Water Inlet Temperature Exceeded Resulting in Operation Outside the Design Bases

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	08	97	97	010	00	09	08	97	Cook, Unit 2	50-316
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR II: (Check one or more) (11)							
1			20.2201(b)		20.2203(a)(3)(i)		50.73(a)(2)(iii)		73.71(b)	
POWER LEVEL (10)			20.2203(a)(1)		20.2203(a)(3)(ii)		50.73(a)(2)(iv)		73.71	
100			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
J. Kingseed, Nuclear Safety and Analysis ManagerTELEPHONE NUMBER (Include Area Code)
616/697-5106

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)

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 9, 1997, with Units 1 and 2 at 100 percent Rated Thermal Power, as a result of questions posed by the NRC AE Design Inspection team, it was determined that both units had operated outside the design basis for service water inlet 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 0900 hours on August 9, 1997. This interim LER is being submitted under 10CFR50.73(a)(2)(ii), as a condition outside the design basis.

Existing documentation indicates that analyses were previously performed to raise the maximum allowable value for the service water inlet temperature. These analyses had been prompted by the unusually high lake water temperatures experienced in 1988. However, the new, higher value was never incorporated into the UFSAR table which states the service water inlet design temperature. A Safety Evaluation is being performed to support the revision of the value currently contained in the UFSAR.

Preliminary review indicates that the service water inlet temperature did exceed the UFSAR design basis value of 76 degrees Fahrenheit in the period between 1988 and September, 1997. The highest temperature in this interval was 85 degrees Fahrenheit, recorded in the summer of 1988. Preliminary evaluations indicate that the plant operated safely during the periods of elevated service water temperature.

An update to this interim LER will be submitted by November 17, 1997, after completion of all analyses and reviews for this event.