

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 1DOCKET NUMBER (2)
50-315

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TITLE (4)

Interim LER - Debris Recovered from Ice Condenser Potentially Represents Unanalyzed Condition

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
03	27	98	98	-- 017 --	00	04	06	98	Cook - Unit 2	50-316
									FACILITY NAME	DOCKET NUMBER
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more) (11)							
5			20.2201(b)			20.2203(a)(3)(1)			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)	73.71e
0			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. Paul Schoepf, Safety Related Mechanical Engineering Superintendent

TELEPHONE NUMBER (Include Area Code)

616/465-5901, x2408

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRPDS

SUPPLEMENTAL REPORT EXPECTED (14)

X YES
(if yes, complete EXPECTED SUBMISSION DATE).

NO

EXPECTED SUBMISSION DATE (15)

MONTH

05

DAY

31

YEAR

98

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

On March 27, 1998, an ENS notification was made in accordance with 10CFR50.72(b)(2)(i), for a condition found while the reactor was shutdown, which if it had been found while the reactor was operating, could have resulted in the plant being in an unanalyzed condition. This interim LER is therefore submitted in accordance with 10CFR50.73(a)(2)(i)(b), for an unanalyzed condition.

The ice condenser consists of 24 bays, each of which contain 81 ice baskets. The bays are arranged in a 300 degree arc on the containment wall. Following a postulated accident, the ice serves to condense steam and provide a supplemental source of borated water for long term core cooling. Ice meltwater passes through the ice condenser floor drains and into the sump.

Inspection of a filter in the ice melt system used to melt ice vibrated from a sample of 5 unit 2 ice baskets and approximately 110 unit 1 ice baskets has revealed the presence of debris. Included in the debris were various fasteners, ice basket and wood screws, wood, glass, plastic, tape, basket ligaments, foam insulation, galvanizing flakes, gloves, and hardware. The nature and volume of debris found from both units was such that the potential effect on the ice condenser floor drains and sump represents an unanalyzed condition.

The investigation into this condition continues. A decision has been made to thaw both units' ice condensers to facilitate inspections, maintenance, and foreign material removal prior to restart. The significance of the debris will be evaluated after both units' ice condensers are thawed and the total volume and nature of the resident debris is established.

An update to this interim LER will be submitted by May 31, 1998.