

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D.C. COOK PLANT, UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 5					PAGE (3) 1 OF 0 2						
TITLE (4) ICE CONDENSER ICE BASKET WEIGHTS																					
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	20	85	85	019	0	1	10	0 1 8 5				0 5 0 0 0								
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																			
5		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)							
POWER LEVEL (10)		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)							
0 0 0		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 A.A. BLIND - ASSISTANT PLANT MANAGER										TELEPHONE NUMBER 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 NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		
X	B/C	COND	W1	00	N																
SUPPLEMENTAL 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)

THIS IS A REVISION TO LER 85-019 SUBMITTED ON MAY 13, 1985.

ON APRIL 20, 1985, WHILE IN MODE 5 (COLD SHUTDOWN), THE ICE INVENTORY WITHIN THE ICE CONDENSER WAS DETERMINED TO BE BELOW THE LIMITING CONDITION FOR OPERATION AS STATED IN TECHNICAL SPECIFICATION 3.6.5.1.d. THE SURVEILLANCE REQUIREMENT STIPULATING THE MINIMUM AVERAGE ICE WEIGHT OF THE SAMPLE BASKETS FROM EACH ROW/GROUP COULD NOT BE SATISFIED.

THE ICE WEIGHT OF THE DEFICIENT ROWS WAS INCREASED BY AN EXTENSIVE ICE REPLENISHMENT PROGRAM. THIS WEIGHT INCREASE BROUGHT THE ROW/GROUP AVERAGES WELL WITHIN TECHNICAL SPECIFICATION LIMITS AND SHOULD ALSO INSURE ACCEPTABLE ICE BASKET WEIGHTS AT THE NEXT SCHEDULED SURVEILLANCE.

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PDR ADCK 05000315
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES 3/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
D.C. COOK PLANT, UNIT 1	0 5 0 0 0 3 1 5	8 5	0 1 9	0 1	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A 2) (17)

THIS IS A REVISION TO LER 85-019 SUBMITTED ON MAY 13, 1985.

ON APRIL 20, 1985, WHILE IN MODE 5 (COLD SHUTDOWN), THE ICE INVENTORY WITHIN THE ICE CONDENSER (IEEE COMPONENT FUNCTION IDENTIFIER = COND) WAS DETERMINED TO BE BELOW THE LIMITING CONDITION FOR OPERATION AS STATED IN TECHNICAL SPECIFICATION 3.6.5.1.d. THE SURVEILLANCE REQUIREMENT STIPULATING THE MINIMUM AVERAGE ICE WEIGHT OF THE SAMPLE BASKETS FROM EACH ROW/GROUP COULD NOT BE SATISFIED (TECHNICAL SPECIFICATION 4.6.5.1.b.2, PARAGRAPH 2).

THE FOLLOWING FIVE ROW/GROUP AVERAGES WERE FOUND DEFICIENT; 6-3, 8-2, 8-3, 9-2 AND 9-3. HISTORICALLY, THE ICE BASKETS LOCATED IN THESE ROWS (6, 8 AND 9) HAVE EXPERIENCED ACCELERATED ICE LOSSES DUE TO SUBLIMATION AND SUBSEQUENT ICE MIGRATION.

THE ICE WEIGHT OF THE DEFICIENT ROWS WAS INCREASED BY AN EXTENSIVE ICE REPLENISHMENT PROGRAM. THIS PROGRAM INVOLVED THE COMPLETE EMPTYING AND REFILLING OF THE 720 ACCESSIBLE ICE BASKETS IN THE THREE RADIAL ROWS. THE INACCESSIBLE BASKETS ARE LOCATED UNDER THE ICE BED SUPPORT STRUCTURE AND COULD NOT BE REPLENISHED. THE BASKETS THAT COULD NOT BE REFILLED INCLUDE ALL AXIAL POSITION 5 IN ROWS 6, 8 AND 9. THE REFILLING YIELDED AN AVERAGE NET ICE ADDITION OF APPROXIMATELY 235 POUNDS PER BASKET. THIS SUBSTANTIAL WEIGHT INCREASE BROUGHT THE SUBJECT ROW/GROUP AVERAGES WELL WITHIN TECHNICAL SPECIFICATION LIMITS AND SHOULD INSURE ACCEPTABLE ICE BASKET WEIGHTS AT THE NEXT SCHEDULED SURVEILLANCE.

PREVIOUS OCCURRENCES OF A SIMILAR NATURE WERE REPORTED IN LERS: 50-315/83-73, 50-315/82-72, 50-316/83-59, 50-316/82-116, 50-316/82-25, AND 50-316/84-04.