

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
D.C. COOK NUCLEAR PLANT, UNIT 2DOCKET NUMBER (2)  
0 5 0 0 0 3 1 6PAGE (3)  
1 OF 0 1TITLE (4)  
IMPROPERLY ISOLATED CARDOX FIRE PROTECTION SYSTEM

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)				
1	0	3	0	8	5	8	5	0	3	6	0	5	0	0	0
1	0	3	0	8	5	8	5	0	3	6	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)																								
3	<table border="1"><tr><td>20.402(b)</td><td>20.405(c)</td><td>50.73(a)(2)(iv)</td><td>73.71(b)</td></tr><tr><td>20.405(a)(1)(i)</td><td>50.36(c)(1)</td><td>50.73(a)(2)(v)</td><td>73.71(c)</td></tr><tr><td>20.405(a)(1)(ii)</td><td>50.36(c)(2)</td><td>50.73(a)(2)(vii)</td><td>OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td></tr><tr><td>20.405(a)(1)(iii)</td><td>X 50.73(a)(2)(i)</td><td>50.73(a)(2)(viii)(A)</td><td></td></tr><tr><td>20.405(a)(1)(iv)</td><td>50.73(a)(2)(ii)</td><td>50.73(a)(2)(viii)(B)</td><td></td></tr><tr><td>20.405(a)(1)(v)</td><td>50.73(a)(2)(iii)</td><td>50.73(a)(2)(ix)</td><td></td></tr></table>	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)	20.405(a)(1)(i)	50.36(c)(1)	50.73(a)(2)(v)	73.71(c)	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)	
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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 MANAGERTELEPHONE NUMBER  
6 1 1 6 4 1 6 5 - 5 9 0 1 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)									
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

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)

ON OCTOBER 30, 1985, AT 0610 HOURS WITH UNIT 2 IN MODE 3 (HOT STANDBY), A SECURITY OFFICER DISCOVERED THE CARDOX FIRE PROTECTION SYSTEM FOR THE AB EMERGENCY DIESEL GENERATOR ROOM ISOLATED WITHOUT FIRE WATCH COVERAGE AS REQUIRED BY TECHNICAL SPECIFICATION 3.7.9.3.a. THE SYSTEM WAS RETURNED TO NORMAL AT 0620 HOURS FOLLOWING VERIFICATION THAT THE PROTECTED AREA WAS UNOCCUPIED.

INVESTIGATION REVEALED THAT THE AFFECTED AREA WAS ISOLATED FOR A ROUTINE TOUR ON OCTOBER 30 AT 0311 HOURS. FOLLOWING COMPLETION OF THE TOUR, AT 0317 HOURS, INVOLVED PERSONNEL (NON-LICENSED OPERATOR AND SECURITY OFFICER) LEFT THE AREA. IN REVIEWING THE APPLICABLE SIGNOFF SHEET (REQUIRED BY PROCEDURE TO VERIFY SYSTEM RESTORATION) IT WAS NOTED THAT: 1) THE SECURITY OFFICER DOCUMENTED RETURNING THE ISOLATION SWITCH TO NORMAL, AND 2) THE OPERATOR DOCUMENTED WITNESSING THE RESTORATION. HOWEVER, IT WAS ALSO DETERMINED THAT THE OPERATOR PROVIDED HIS SIGNATURE ON THE SIGNOFF SHEET WITHOUT ACTUALLY WITNESSING THE RESTORATION OF THE SYSTEM.

SINCE THE TOUR OF THE AFFECTED AREA IS CONDUCTED APPROXIMATELY ONCE EVERY 8 HOURS, AND FIRE DETECTION SYSTEMS WITHIN THE DIESEL GENERATOR ROOM WOULD HAVE ALERTED CONTROL ROOM PERSONNEL HAD A FIRE OCCURRED, IT IS CONCLUDED THAT THERE WAS NO APPRECIABLE DEGRADATION OF FIRE PROTECTION CAPABILITY DUE TO THIS INCIDENT.

TO PREVENT RECURRENCE APPROPRIATE ADMINISTRATIVE ACTION WAS TAKEN WITH THE INDIVIDUALS INVOLVED.

PREVIOUS OCCURRENCES OF A SIMILAR NATURE INCLUDE: 50-315/83-22, -28, -34, -94, -114; 50-315/82-37, -44, -45, -49, -68, -81, -82, -108; 50-316/84-9, -22, -27; 50-316/83-48, -60; 50-316/82-54, -58, -62, -76, -84; 50-315/85-8, -20.