

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): D. C. COOK NUCLEAR PLANT, UNIT 1	DOCKET NUMBER (2): 0   5   0   0   0   3   1   5	PAGE (3): 1 OF 0   2
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TITLE (4):  
ESF ACTUATION - STEAM LINE ISOLATION SIGNAL

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 (5)																																								
0	9	02	85	85	044	0	01	02			0   5   0   0   0																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">OPERATING MODE (9): 5</td> <td colspan="11">THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11):</td> </tr> <tr> <td rowspan="6">POWER LEVEL (10): 0   0   0</td> <td>20.402(b)</td> <td>20.405(c)</td> <td><input checked="" type="checkbox"/></td> <td>50.73(a)(2)(iv)</td> <td>73.71(b)</td> </tr> <tr> <td>20.405(a)(1)(ii)</td> <td>50.36(c)(1)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(v)</td> <td>73.71(c)</td> </tr> <tr> <td>20.405(a)(1)(iii)</td> <td>50.36(c)(2)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(vi)</td> <td rowspan="4">OTHER (Specify in Abstract below and in Text, NRC Form 366A)</td> </tr> <tr> <td>20.405(a)(1)(iii)</td> <td>50.73(a)(2)(i)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(viii)(A)</td> </tr> <tr> <td>20.405(a)(1)(iv)</td> <td>50.73(a)(2)(ii)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(viii)(B)</td> </tr> <tr> <td>20.405(a)(1)(v)</td> <td>50.73(a)(2)(iii)</td> <td><input type="checkbox"/></td> <td>50.73(a)(2)(ix)</td> </tr> </table>												OPERATING MODE (9): 5	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11):											POWER LEVEL (10): 0   0   0	20.402(b)	20.405(c)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)	20.405(a)(1)(ii)	50.36(c)(1)	<input type="checkbox"/>	50.73(a)(2)(v)	73.71(c)	20.405(a)(1)(iii)	50.36(c)(2)	<input type="checkbox"/>	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)	20.405(a)(1)(iii)	50.73(a)(2)(i)	<input type="checkbox"/>	50.73(a)(2)(viii)(A)	20.405(a)(1)(iv)	50.73(a)(2)(ii)	<input type="checkbox"/>	50.73(a)(2)(viii)(B)	20.405(a)(1)(v)	50.73(a)(2)(iii)	<input type="checkbox"/>	50.73(a)(2)(ix)
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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
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COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13):

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14):

<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE): <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15): MONTH:    DAY:    YEAR:
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16):

ON SEPTEMBER 2, 1985, AT 2240 HOURS AND AGAIN ON SEPTEMBER 7, 1985, AT 0140 HOURS WITH UNIT 1 IN MODE 5 (COLD SHUTDOWN) A STEAM LINE ISOLATION SIGNAL WAS GENERATED - AN ENGINEERING SAFETY FEATURE (ESF) ACTUATION.

THE SEPTEMBER 2, 1985, EVENT WAS THE RESULT OF SURVEILLANCE TESTING ON THE SOLID STATE PROTECTION SYSTEM ACCOMPANIED WITH A STANDING STEAM LINE ISOLATION SIGNAL, PRIOR TO TESTING. THE STANDING STEAM LINE ISOLATION SIGNAL WAS THE CONSEQUENCE OF A DESIGN CHANGE INSTALLATION.

THE SEPTEMBER 7, 1985, EVENT WAS THE RESULT OF VALVING OUT INSTRUMENTATION LINES TO INSPECT COMPRESSION FITTINGS DURING THE INSTALLATION OF THE SAME DESIGN CHANGE REFERENCED EARLIER. THE VALVING OUT OF THE INSTRUMENTATION LINES GENERATED SIGNALS FOR A STEAM LINE ISOLATION.

SINCE THE PRIMARY CAUSE OF BOTH EVENTS CAN BE ATTRIBUTED TO THE INSTALLATION OF A SPECIFIC DESIGN CHANGE AND THE DESIGN CHANGE REFERENCED IS NOT EXPECTED TO BE OF A REPETITIVE NATURE, NO CORRECTIVE OR PREVENTIVE ACTION WAS TAKEN.

THE STEAM LINE ISOLATION SIGNALS WERE NOT THE RESULT OF ACTUAL PLANT CONDITIONS OR PARAMETERS SATISFYING THE REQUIREMENTS FOR AN ESF INITIATION, CONSEQUENTLY IT IS CONCLUDED THAT THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED.

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PDR ADOCK 05000315  
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 5	0 4 4	0 0	0 2	OF 0 2

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

ON SEPTEMBER 2, 1985, AT 2240 HOURS AND AGAIN ON SEPTEMBER 7, 1985, AT 0140 HOURS WITH UNIT 1 IN MODE 5 (COLD SHUTDOWN) A STEAM LINE ISOLATION SIGNAL WAS GENERATED - AN ENGINEERING SAFETY FEATURE (ESF) ACTUATION.

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WHEN SURVEILLANCE TESTING BEGAN ON AUGUST 26, 1985, THE STANDING STEAM LINE ISOLATION SIGNAL WAS RESET AS TEST SIGNALS WERE INPUT. UPON REMOVING THESE TEST SIGNALS, THE STEAM LINE ISOLATION LOGIC WENT BACK TO THE PRETEST STATUS RESULTING IN THE REINITIATION OF A STEAM LINE ISOLATION. SINCE THE MAIN STEAM ISOLATION VALVES WERE ALREADY CLOSED, THE ONLY PLANT RESPONSE WAS THE OPENING OF THE STEAM LINE ISOLATION DUMP VALVES.

THE SEPTEMBER 7, 1985, EVENT WAS THE RESULT OF VALVING OUT INSTRUMENTATION LINES TO INSPECT COMPRESSION FITTINGS DURING THE INSTALLATION OF THE SAME DESIGN CHANGE REFERENCED EARLIER. THE VALVING OUT OF THE INSTRUMENTATION LINES GENERATED SIGNALS FOR A STEAM LINE ISOLATION. AGAIN THE MAIN STEAM ISOLATION VALVES WERE ALREADY CLOSED AND THE ONLY PLANT RESPONSE WAS THE OPENING OF THE STEAM LINE ISOLATION DUMP VALVES.

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PREVIOUS OCCURRENCE OF A SIMILAR NATURE WAS REPORTED IN LER 50-316/85-14.