

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): DONALD C. COOK NUCLEAR PLANT UNIT 2	DOCKET NUMBER (2): 0 5 0 0 0 3 1 6	PAGE (3): 1 OF 0 1
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TITLE (4):
ESF ACTUATION

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	2	05	8	5	8	5	0	4	0	1	0	2	2	7	8	6	0	5	0	0	0

OPERATING MODE (9): **1**

POWER LEVEL (10): **0 8 1**

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 50 (Check one or more of the following) (11):

<input type="checkbox"/> 20.402(b)	<input checked="" type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.405(a)(1)(iii)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 300A)
<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(vi)	
<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(vii)	
<input type="checkbox"/> 20.405(a)(1)(vi)	<input type="checkbox"/> 50.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12):

NAME T. A. KRIESEL - TECHNICAL PHYSICAL SCIENCES DEPARTMENT SUPERINTENDENT	TELEPHONE NUMBER AREA CODE: 6 1 6 NUMBER: 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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14):

YES (If yes, complete EXPECTED SUBMISSION DATE:) NO

EXPECTED SUBMISSION DATE (15):

MONTH	DAY	YEAR

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

ON DECEMBER 5, 1985 AT 2109 HOURS WITH THE REACTOR COOLANT SYSTEM IN MODE 1 (OPERATING) AT 81 PERCENT REACTOR THERMAL POWER, A HIGH ALARM WAS RECEIVED ON VRS-2201, THE UPPER CONTAINMENT NORMAL RANGE AREA MONITOR, TRAIN B (IEEE/MON). THE HIGH ALARM CAUSED AN ESF ACTUATION SIGNAL WHICH WOULD HAVE RESULTED IN AN ISOLATION OF THE CONTAINMENT PURGE SYSTEM HAD THE CONTAINMENT PURGE SYSTEM BEEN IN SERVICE.

THE HIGH ALARM OCCURRED AFTER THE INSTRUMENT FAILED LOW. INVESTIGATION INTO THE FAIL LOW/HIGH ALARM CONDITION COULD NOT DEFINE THE EXACT CAUSE. AT THE RECOMMENDATION OF THE MANUFACTURER, THE DA-11 GM TUBES WERE CHANGED. THIS ACTION WAS COMPLETED ON JANUARY 17, 1986. TO DATE NO FURTHER FAIL LOW/HIGH ALARMS HAVE OCCURRED.

THE HEALTH AND SAFETY OF THE PUBLIC WAS NOT AFFECTED.

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PDR ADOCK 05000316
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