

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
D. C. COOK NUCLEAR PLANT - UNIT 2DOCKET NUMBER (2)
0 5 0 0 0 3 1 6 1 OF 0 1

PAGE (3)

TITLE (4)
CONTAINMENT* PURGE ISOLATION

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)
04	19	84	84	008	00	05	18	84		0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																																							
6	<table border="1"><tr><td>20.402(b)</td><td>20.406(e)</td><td><input checked="" type="checkbox"/></td><td>50.73(a)(2)(iv)</td><td>73.71(b)</td></tr><tr><td>20.406(a)(1)(i)</td><td>50.36(e)(1)</td><td></td><td>50.73(a)(2)(v)</td><td>73.71(c)</td></tr><tr><td>20.406(a)(1)(ii)</td><td>50.36(e)(2)</td><td></td><td>50.73(a)(2)(vi)</td><td>OTHER (Specify in Abstract below and in Text, NRC Form 365A)</td></tr><tr><td>20.406(a)(1)(iii)</td><td>50.73(a)(2)(i)</td><td></td><td>50.73(a)(2)(vii)(A)</td><td></td></tr><tr><td>20.406(a)(1)(iv)</td><td>50.73(a)(2)(ii)</td><td></td><td>50.73(a)(2)(vii)(B)</td><td></td></tr><tr><td>20.406(a)(1)(v)</td><td>50.73(a)(2)(iii)</td><td></td><td>50.73(a)(2)(ix)</td><td></td></tr></table>										20.402(b)	20.406(e)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)	20.406(a)(1)(i)	50.36(e)(1)		50.73(a)(2)(v)	73.71(c)	20.406(a)(1)(ii)	50.36(e)(2)		50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(vii)(A)		20.406(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(vii)(B)		20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)	
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20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)																																					

LICENSEE CONTACT FOR THIS LER (12)
NAME
T. A. KRIESEL, TECHNICAL - PHYSICAL SCIENCES DEPARTMENTTELEPHONE NUMBER
AREA CODE
616 4651-5901

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 ☒

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

THE FOLLOWING TWO INCIDENTS OCCURRED DURING MODE 6 IN WHICH CONTAINMENT PURGE ISOLATED DUE TO RADIATION MONITOR HIGH ALARMS ON THE CONTAINMENT AREA RADIATION MONITOR--TRAIN A, VRS-2101.

INCIDENT #1 - AT 0000 HOURS ON 4/19/84, VRS-2101 CONTAINMENT AREA RADIATION MONITOR--TRAIN A, RECEIVED A SPURIOUS HIGH ALARM WHICH CAUSED THE ISOLATION OF TRAIN A CONTAINMENT VENTILATION. THE CONTROL TERMINAL AND EACH MONITOR HAVE INDEPENDENT INTERNAL CLOCKS WHICH RECEIVE A CLOCK SYNCHRONIZATION MESSAGE FROM THE CONTROL TERMINAL SOFTWARE EACH NIGHT AT 0000 HOURS. WHEN A MONITOR IS NOT IN SYNCHRONIZATION THE SOFTWARE ATTEMPTS TO FIT ANY DATA PRESENT IN THE CHANNEL INTO AN ARBITRARY TIME FRAME. THIS CAN RESULT IN A FALSE CHANNEL STATUS WHICH MAY OR MAY NOT BE A HIGH ALARM.

INCIDENT #2 - AT 1310 HOURS ON 4/24/84, VRS-2101 RECEIVED ANOTHER SPURIOUS HIGH ALARM DUE TO CLOCK SYNCHRONIZATION AT A SIMULATED TIME OF 0000 HOURS DURING TROUBLE SHOOTING ACTIVITIES.

AT THE TIME OF THESE OCCURRENCES, THE CONTAINMENT PURGE PROCEDURES DID NOT ADDRESS EXPECTED RESULTS OR PREPLANNED SEQUENCES IDENTIFIED IN NUREG (1022) PARAGRAPHS (50.73(a)(2)(iv)). EACH UNITS PROCEDURE HAS BEEN CHANGED TO IDENTIFY THIS EXPECTED SITUATION WHICH WILL PREVENT THE NEED TO REPORT ANY SIMILAR INCIDENTS OF THIS NATURE.

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PDR ADOCK 05000316
S PDR