

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D. C. COOK NUCLEAR PLANT - UNIT 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 1 5 1				PAGE (3) OF 0 2											
TITLE (4) REACTOR TRIP 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(S)												
1	0	2	5	8	5	8	5	0	5	7	0	0	1	1	2	5	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)																							
4		20.402(b)				20.405(c)				<input checked="" type="checkbox"/> 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 365A)											
		20.405(a)(1)(iii)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(A)															
		20.405(a)(1)(iv)				50.73(a)(2)(iii)				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 L. S. GIBSON - TECHNICAL ENGINEERING SUPERINTENDENT										TELEPHONE NUMBER AREA CODE 6 1 6 4 6 5 - 1 5 9 0 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)										EXPECTED SUBMISSION DATE (15)		MONTH		DAY		YEAR									
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO															

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

ON OCTOBER 25, 1985, AT 0850 HOURS WITH THE UNIT IN HOT SHUTDOWN TWO OF FOUR POWER RANGE INSTRUMENTS WERE TAKEN FROM SERVICE BY REMOVING THE FUSES TO ALLOW FOR INSTALLATION OF AN APPROVED DESIGN CHANGE. THIS SATISFIED THE 2/4 COINCIDENCE REQUIRED TO TRIP BOTH SOURCE RANGE CHANNELS CONTRARY TO TECHNICAL SPECIFICATION 3.3.1.1 TABLE 3.3-1 ITEM 6.B WHICH REQUIRES AT LEAST ONE CHANNEL OPERABLE. COMPLIANCE WITH SHUTDOWN MARGIN REQUIREMENTS WAS VERIFIED PER THE ASSOCIATED ACTION STATEMENT. WITH BOTH SOURCE RANGE CHANNELS INOPERABLE, A REACTOR TRIP SIGNAL WAS GENERATED EVEN THOUGH THE REACTOR TRIP BREAKERS WERE OPEN AND NO EQUIPMENT ACTUATIONS RESULTED. AT 0852 HOURS, THE FUSES WERE RE-INSTALLED IN THE POWER RANGE DRAWERS AND BOTH SOURCE RANGE CHANNELS WERE RESTORED.

THE INCIDENT WAS DUE TO PERSONNEL ERROR ON THE PART OF BOTH THE UNIT SUPERVISOR AND TECHNICIANS.

TO PREVENT RECURRENCE, ALL OF THE PERSONNEL INVOLVED HAVE BEEN COUNSELED ON THE IMPORTANCE OF THOROUGHLY RESEARCHING ALL POSSIBLE CONSEQUENCES OF THEIR ACTIONS.

THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 4/31/88

FACILITY NAME (1) D. C. COOK PLANT - UNIT 1	DOCKET NUMBER (2) 0 5 0 0 0 3 1 5	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	- 0 5 7	- 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

ON OCTOBER 25, 1985, AT 0850 HOURS WITH THE UNIT IN HOT SHUTDOWN, TWO OF FOUR POWER RANGE INSTRUMENTS WERE TAKEN FROM SERVICE BY REMOVING THE FUSES (IEEE/FU) TO ALLOW FOR INSTALLATION OF AN APPROVED DESIGN CHANGE. THIS SATISFIED THE 2/4 COINCIDENCE REQUIRED TO TRIP BOTH SOURCE RANGE CHANNELS CONTRARY TO TECHNICAL SPECIFICATION 3.3.1.1 TABLE 3.3-1 ITEM 6.B WHICH REQUIRES AT LEAST ONE CHANNEL OPERABLE. COMPLIANCE WITH SHUTDOWN MARGIN REQUIREMENTS WAS VERIFIED PER THE ASSOCIATED ACTION STATEMENT. WITH BOTH SOURCE RANGE CHANNELS INOPERABLE, A REACTOR TRIP SIGNAL WAS GENERATED EVEN THOUGH THE REACTOR TRIP BREAKERS WERE OPEN AND NO EQUIPMENT ACTUATIONS RESULTED. AT 0852 HOURS, THE FUSES WERE RE-INSTALLED IN THE POWER RANGE DRAWERS AND BOTH SOURCE RANGE CHANNELS WERE RESTORED.

THE INCIDENT WAS DUE TO PERSONNEL ERROR ON THE PART OF THE TECHNICIANS AND THE UNIT SUPERVISOR. PERMISSION TO REMOVE TWO OF FOUR POWER RANGE INSTRUMENTS FROM SERVICE WAS REQUESTED BY THE TECHNICIANS AND GRANTED BY THE UNIT SUPERVISOR. THE TRIP SIGNAL WAS NOT ANTICIPATED. THE PROCEDURE TO INSTALL THE DESIGN CHANGE DID NOT SPECIFICALLY ALLOW FOR, NOR FORBID, PERFORMING THE INSTALLATION ON TWO INSTRUMENTS AT ONCE.

TO PREVENT RECURRENCE, ALL OF THE PERSONNEL INVOLVED HAVE BEEN COUNSELED ON THE IMPORTANCE OF THOROUGHLY RESEARCHING ALL POSSIBLE CONSEQUENCES OF THEIR ACTIONS.

THE HEALTH AND SAFETY OF THE PUBLIC WERE NOT AFFECTED.