NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
D. C. COOK UNIT TWO	0 5 0 0 0 3 1 6	1 OF 0 1

TITLE (4)
INADVERTENT AUTOMATIC ACTUATION OF THE REACTOR 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)
										0 5 0 0 0
1 1	2 0	8 4	8 4	— 0 3 2	— 0 0	1 2	1 8	8 4		0 5 0 0 0

OPERATING MODE (9)	3	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)	X 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)	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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
K. R. BAKER, OPERATIONS SUPERINTENDENT	AREA CODE 6 1 6 — 4 6 5 - 5 9 0 1

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

AN INADVERTENT AUTOMATIC ACTUATION OF THE REACTOR PROTECTIVE SYSTEM OCCURRED ON NOVEMBER 20, 1984, AT 2032 HOURS. THE ACTUATION OCCURRED WHILE THE REACTOR WAS IN MODE 3 (HOT STANDBY) WITH THE SHUTDOWN BANKS PULLED AND THE CONTROL BANKS COMPLETELY INSERTED. THE INITIATING SIGNAL OCCURRED WHILE PERFORMING A TEST ON THE TURBINE IMPULSE CHAMBER PRESSURE PROTECTION SET. THE TURBINE IMPULSE CHAMBER PRESSURE CHANNEL WAS TRIPPED WHICH CLEARED THE P-7 INTERLOCK. THE COMBINATION OF THE P-7 PERMISSIVE CLEARED AND THE TURBINE IN THE TRIPPED CONDITION RESULTED IN THE AUTOMATIC ACTUATION OF THE REACTOR PROTECTION SYSTEM.

AS A PREVENTIVE ACTION, PRECAUTIONS WERE ADDED TO THE INVOLVED TEST PROCEDURE TO WARN THE OPERATORS OF THE CONSEQUENCES OF PERFORMING THE PROCEDURE WITH THE TURBINE TRIPPED.

8501020083 841218
PDR ADOCK 05000316
S PDR