

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) DONALD C. COOK, UNIT 1 DOCKET NUMBER (2) 0 5 0 0 0 3 1 5 PAGE (3) 1 OF 2

TITLE (4) INOPERABLE FIRE DOORS EXCEEDING THE LIMITING CONDITION FOR OPERATION

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	0	6	8	4	8	4	0	3	3	0	0	0	1	0	4	8	5	D. C. COOK UNIT 2	0	5	0	0	0	3	1	6		

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8. (Check one or more of the following) (11)

OPERATING MODE (9) 1	20.602(b)	20.406(e)	80.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 100	20.406(a)(1)(i)	80.38(c)(1)	80.73(a)(2)(v)	73.71(d)
	20.406(a)(1)(ii)	80.38(c)(2)	80.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 306A)
	20.406(a)(1)(iii)	X 80.73(a)(2)(i)	80.73(a)(2)(vii)(A)	
	20.406(a)(1)(iv)	80.73(a)(2)(ii)	80.73(a)(2)(vii)(B)	
	20.406(a)(1)(v)	80.73(a)(2)(iii)	80.73(a)(2)(viii)	

LICENSEE CONTACT FOR THIS LER (12)

NAME N. C. WILLIAMS - MAINTENANCE DEPARTMENT SUPERINTENDENT TELEPHONE NUMBER 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
	KIQ	DR	K1146	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)  NO

EXPECTED SUBMISSION DATE (15) 0 2 0 5 8 5

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

ON 12/6/84, WITH UNITS 1 AND 2 AT 100 PERCENT POWER, IT WAS DISCOVERED DURING A POST-MAINTENANCE REVIEW OF TECHNICAL SPECIFICATION FIRE DOOR SURVEILLANCE TEST AND REPAIR DOCUMENTATION THAT ROLL-UP FIRE DOORS #313 (UNIT 1 PRESSURIZER HEATER TRANSFORMER ROOM), #343 (UNIT 1 4KV SWITCHGEAR ROOM) AND #314 (UNIT 2 PRESSURIZER HEATER TRANSFORMER ROOM) HAD NOT MET THE SURVEILLANCE TEST PROCEDURE ACCEPTANCE CRITERIA. THE DOORS HAD NOT BEEN DECLARED INOPERABLE AND THE REQUIREMENTS OF TECHNICAL SPECIFICATION 3.7.10 ACTION ITEM (A) HAD NOT BEEN MET DUE TO A PERSONNEL ERROR IN INTERPRETING THE SURVEILLANCE TEST PROCEDURE ACCEPTANCE CRITERIA. FIRE DOORS 313 AND 314 HAD BEEN IN NON-COMPLIANCE FOR 13 DAYS AND DOOR 343 FOR 6 DAYS.

TO PREVENT RECURRENCE THE INSPECTOR INVOLVED WITH THE EVENT HAS BEEN REINSTRUCTED, AND IS NOW KNOWLEDGEABLE OF FIRE DOOR OPERABILITY REQUIREMENTS.

THIS LER IS BEING SUBMITTED AS AN INTERIM REPORT PENDING AN ASSESSMENT OF THE SAFETY CONSEQUENCES OF THE EVENT.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  DONALD C. COOK, UNIT 1	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5 8 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	- 0 3 3	- 0 0	0 2	OF	0 2

TEXT (if more space is required, use additional NRC Form 368A's) (17)

ON 12/06/84, WITH UNIT 1 AND UNIT 2 AT 100 PERCENT POWER, A POST-MAINTENANCE REVIEW OF THE SEMI-ANNUAL SURVEILLANCE TEST OF TECHNICAL SPECIFICATION-RELATED FIRE DOORS (DR) AND REPAIR DOCUMENTATION INDICATED THAT NON-COMPLIANCE WITH RESPECT TO TECHNICAL SPECIFICATION 3.7.10 MAY HAVE OCCURRED BETWEEN THE TIME THAT THE SEMI-ANNUAL TEST WAS PERFORMED AND THE TIME THAT REPAIRS WERE EFFECTED TO CORRECT DEFICIENCIES IDENTIFIED DURING THE TEST. UNIT 1 AND 2 WERE IN MODE 1 AND AT VARIOUS POWER LEVELS BETWEEN INITIAL TESTING AND REPAIRS.

INVESTIGATION OF THE DETAILS OF THE TESTING ESTABLISHED THE FOLLOWING SEQUENCE OF EVENTS. WHILE PERFORMING SURVEILLANCE TEST PROCEDURE (12MHP4030.STP.027) ON TECHNICAL SPECIFICATION RELATED FIRE DOORS, THREE OVERHEAD ROLLING STEEL FIRE DOORS WERE DECLARED OPERABLE WHEN IN FACT THE THREE DOORS DID NOT CLOSE COMPLETELY AND SHOULD HAVE BEEN DECLARED INOPERABLE IN ACCORDANCE WITH THE ACCEPTANCE CRITERIA OF THE PROCEDURE. THE REQUIREMENTS OF ACTION STATEMENT (A) OF TECHNICAL SPECIFICATION 3.7.10 WERE NOT MET BECAUSE THE INSPECTOR JUDGED INCORRECTLY THAT THE THREE DOORS WERE OPERABLE DESPITE THEIR FAILURE TO FULLY CLOSE.

CLASS "A" ROLLING STEEL FIRE DOORS 313 AND 314 ARE THERMALLY ACTIVATED AND LEAD TO UNIT 1 AND UNIT 2 PRESSURIZER HEATER TRANSFORMER ROOMS AT ELEVATION 591. CLASS "A" ROLLING STEEL FIRE DOOR 343 IS CARDOX (KQ) ACTIVATED AND LEADS TO UNIT 1 ELECTRICAL SWITCHGEAR ROOM AT ELEVATION 609. SURVEILLANCE TEST OF FIRE DOORS 313 AND 314 ON 11/21/84 INDICATED THAT THE DOORS REMAINED OPEN APPROXIMATELY 5 TO 10 INCHES WHEN TESTED USING THE AUTOMATIC RELEASE MECHANISM. FIRE DOOR 343 WAS INITIALLY IN THE FULLY CLOSED POSITION PRIOR TO TESTING ON 11/28/84 WITH A TAG STATING THAT THE OPERATIONS SHIFT SUPERVISOR OR THE SECURITY DEPARTMENT WAS TO BE CONTACTED IF THE DOOR NEEDED TO BE OPENED. AFTER CONTACTING THE SECURITY DEPARTMENT THE DOOR WAS TESTED. IT REMAINED OPEN APPROXIMATELY 5 INCHES WHEN ACTUATED BY THE AUTOMATIC RELEASE MECHANISM. FOLLOWING THE TEST THE DOOR WAS LEFT FULLY CLOSED AND WITH THE TAG INTACT. THE SURVEILLANCE TESTS ON ALL THREE FIRE DOORS DEMONSTRATED THAT THE DOORS DID NOT FULLY CLOSE, BUT THE INSPECTOR DID NOT DECLARE THEM INOPERABLE ALTHOUGH HE RECOGNIZED THE NEED TO EFFECT REPAIRS. ON 12/03/84 THE SAME INSPECTOR REQUESTED THAT REPAIRS BE PERFORMED ON THE SUBJECT DOORS. SURVEILLANCE TESTS WERE CONDUCTED AGAIN ON 12/04/84, FOLLOWING REPAIRS TO THE DOORS, AND THE ACCEPTANCE CRITERIA WERE SATISFIED. FIRE DOORS 313 AND 314 WERE INOPERABLE FOR 13 DAYS. FIRE DOOR 343 WAS INOPERABLE FOR 6 DAYS. ACTION REQUIREMENTS OF TECHNICAL SPECIFICATION 3.7.10 WERE NOT MET DURING THE PERIODS OF INOPERABILITY. THIS NON-COMPLIANCE WAS DUE TO PERSONNEL ERROR ON THE PART OF THE INSPECTOR INTERPRETING INCORRECTLY THE SURVEILLANCE TEST PROCEDURE ACCEPTANCE CRITERIA.

THE EVENT HAS BEEN DISCUSSED AT LENGTH WITH THE INSPECTOR AND HE NOW HAS A CLEAR UNDERSTANDING OF THE ACCEPTANCE CRITERIA OF THE PROCEDURE. THE ACTIONS DESCRIBED ABOVE CORRECTED THE PROBLEM AND SHOULD PREVENT RECURRENCE.

THIS LER IS BEING SUBMITTED ON AN INTERIM BASIS PENDING AN ASSESSMENT OF THE SAFETY CONSEQUENCES OF THE EVENT.