

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) D. C. Cook Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 1 5										PAGE (3) 1 OF 0 4																													
TITLE (4) UNFULFILLED TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENTS																																																	
EVENT DATE (5) MONTH DAY YEAR 1 1 0 8 8 4										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 8 4 - 0 2 5 - 0 0 1										REPORT DATE (7) MONTH DAY YEAR 1 2 0 7 8 4										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) D.C. COOK UNIT 2 0 5 0 0 0 3 1 6																			
OPERATING MODE (9) 1										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following) (11)																																							
POWER LEVEL (10) 1 0 0										20.402(b)										20.405(c)										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)(vi)										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 K. R. BAKER, OPERATIONS SUPERINTENDENT																				TELEPHONE NUMBER 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 NRC										CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRC																																							
SUPPLEMENTAL REPORT EXPECTED (14)																																																	
YES (If yes, complete EXPECTED SUBMISSION DATE)																				X NO										EXPECTED SUBMISSION DATE (15)																			
																														MONTH DAY YEAR																			
ABSTRACT (Limit to 1400 spaces - i.e. approximately fifteen single space typewritten lines) (16)																																																	
<p>ON 11-8-84 AT 1530 HOURS, WITH BOTH UNITS 1 AND 2 IN MODE 1 AT 100 PERCENT REACTOR THERMAL POWER, TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENTS WERE DISCOVERED UNFULFILLED FOR FIREWATER RING HEADER VALVES 12-FP-109 AND 12-FP-111. TECHNICAL SPECIFICATION SURVEILLANCE REQUIRES VERIFYING THE VALVES ARE IN THEIR CORRECT POSITION AT LEAST ONCE PER 31 DAYS (4.7.9.1.1.b) AND COMPLETING ONE FULL CYCLE OF TRAVEL AT LEAST ONCE PER 12 MONTHS (4.7.9.1.1.d).</p> <p>BECAUSE OF AN EFFORT TO VERIFY PHYSICAL PIPING ARRANGEMENTS AND LOCATIONS VERSUS PIPING DIAGRAMS, VALVES 12-FP-109 AND 12-FP-111 WERE EXCAVATED. IT WAS DISCOVERED THAT VALVES IDENTIFIED AS 12-FP-109 AND 12-FP-111 WERE INCORRECTLY LABELED AND ACTUAL VALVES 12-FP-109 AND 12-FP-111 WERE NOT LABELED DUE TO BOTH FLOW DIAGRAMS AND PHYSICAL PIPING DIAGRAMS BEING INCORRECT. THE ACTUAL VALVES WERE THEN CORRECTLY LABELED AND TESTED ON 11-8-84 PER THE SURVEILLANCE REQUIREMENTS.</p> <p>TO RESOLVE THIS CONFLICT, THE VALVES WERE PROPERLY LABELED, THE FLOW DIAGRAMS, PHYSICAL PIPING DIAGRAMS, AND LOCATION DESCRIPTIONS IN PROCEDURES WERE CORRECTED.</p>																																																	
8412260222 841207 PDR ADOCK 05000315 S PDR																																																	

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)  D. C. Cook Unit 1	DOCKET NUMBER (2)  0 5 0 0 0 3 1 5 8 4 - 0 2 5 - 0 0 0 2 OF 4	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		

TEXT (if more space is required, use additional NRC Form 388A's) (17)

ON 11-8-84 AT 1530 HOURS, WITH BOTH UNITS 1 AND 2 IN MODE 1 AT 100 PERCENT REACTOR THERMAL POWER, TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENTS WERE DISCOVERED UNFULFILLED FOR FIREWATER RING HEADER (K P) VALVES 12-FP-109 AND 12-FP-111. SURVEILLANCE REQUIREMENTS ARE TO VERIFY THE VALVES ARE IN THEIR CORRECT POSITION AT LEAST ONCE PER 31 DAYS (4.7.9.1.1.b) AND COMPLETING ONE FULL CYCLE OF TRAVEL AT LEAST ONCE PER 12 MONTHS (4.7.9.1.1.d).

BECAUSE OF AN EFFORT TO VERIFY PHYSICAL PIPING ARRANGEMENTS AND LOCATIONS VERSUS PIPING DIAGRAMS, VALVES 12-FP-109 AND 12-FP-111 WERE EXCAVATED. IT WAS DISCOVERED THAT VALVES IDENTIFIED AS 12-FP-109 AND 12-FP-111 WERE INCORRECTLY LABELED AND ACTUAL VALVES 12-FP-109 AND 12-FP-111 WERE NOT LABELED DUE TO BOTH FLOW DIAGRAMS AND PHYSICAL PIPING DRAWINGS BEING INCORRECT.

ON 10-10-84, THE VALVE BELIEVED TO BE 12-FP-109 WAS EXCAVATED. THIS VALVE WAS FOUND TO BE THE SERVICE BUILDING SUPPLY/CROSSTIE ISOLATION VALVE BETWEEN THE OUTSIDE RING HEADER AND THE TURBINE BUILDING RING HEADER, SEE SKETCH. FURTHER EXCAVATION ON 11-5-84, LOCATED ACTUAL VALVE 12-FP-109. THIS VALVE WAS NOT LABELED AND WAS OPEN WHEN FOUND.

THE VALVE MISLABELED AS 12-FP-109 WAS INCLUDED IN THE YARD PIPING FLOWPATH VERIFICATION TEST BUT THE ACTUAL VALVE (12-FP-109) WAS NOT CHECKED DUE TO THE LABELING ERROR. IT IS BELIEVED THAT THIS MISLABELING OCCURRED SOMETIME IN 1979 WHEN INSTALLING THE 10 INCH POST INDICATOR VALVE IN THE CROSSTIE BETWEEN THE THEN NEW SERVICE BUILDING EXTENSION AND THE OUTSIDE RING HEADER. AT THAT TIME THE ACTUAL VALVE 12-FP-109 WAS ACCIDENTALLY BURIED.

ON 11-2-84, VALVES AROUND HYDRANT NUMBER 3 WERE EXCAVATED TO VERIFY FLOW DIAGRAM AND PHYSICAL PIPING DRAWING ARRANGEMENTS. IT WAS FOUND THAT TWO VALVES WERE MISLABELED AND A THIRD VALVE WAS NOT LABELED WITH A UNIQUE NUMBER (SEE SKETCH). ACTUAL VALVE 12-FP-111 WAS FOUND CLOSED AND UNLABELED.

VALVE 12-FP-111 WAS INCLUDED IN THE YARD PIPING FLOWPATH VERIFICATION TEST BUT THE ACTUAL VALVE WAS NOT CHECKED DUE TO THE LABELING ERROR. IT IS BELIEVED THAT THIS MISLABELING OCCURRED SOMETIME IN 1977, WHEN THE TIE-IN OF THE TEMPORARY 6 INCH SUPPLY LINE TO THE UNIT ONE MAIN TRANSFORMER REPAIR BUILDING WAS COMPLETED.

ON 11-8-84, A FLOWPATH VERIFICATION TEST WAS PERFORMED TO PROVE THE OPERABILITY OF ACTUAL VALVES 12-FP-109 AND 12-FP-111. BOTH VALVES WERE DECLARED OPERABLE.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1) D. 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			
		— 0 2 5	— 0 0	0 3	OF	0 4	

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

TO RESOLVE THIS CONFLICT, THE VALVES WERE PROPERLY LABELED, THE FLOW DIAGRAMS, PHYSICAL PIPING DIAGRAMS, AND LOCATION DESCRIPTIONS IN THE PROCEDURES WERE CORRECTED.

PLANT SAFETY WAS NOT COMPROMISED DURING THE TIME ACTUAL VALVES 12-FP-109 AND 12-FP-111 WERE UNTESTED. FIRE HYDRANTS NUMBER 2A AND 3 (SEE SKETCH) WERE OPERABLE AT ALL TIMES. IF THE RING HEADER HAD BROKEN, ISOLATION COULD HAVE BEEN ACHIEVED BY CLOSING THE NEXT RING HEADER ISOLATION VALVE. CLOSING THE ADJACENT HEADER ISOLATION VALVES WOULD NOT HAVE CAUSED ANY ADDITIONAL HYDRANTS OR SYSTEMS TO BE WITHOUT FIREWATER.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

D. C. Cook Unit 1

0 5 0 0 0 3 1 5

8 4

- 0 2 5

- 0 0

0 4 OF 0 4

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

