

## ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9203230250 DOC.DATE: 92/03/20 NOTARIZED: NO DOCKET #  
 FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261  
 AUTH.NAME AUTHOR AFFILIATION  
 BAUR,D.H. Carolina Power & Light Co.  
 CHAMBERS,R.H. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 92-003-00:on 920226,emergency diesel generator A room  
 fire door mfg by Richards-Wilcox declared inoperable due to  
 lack of rear binder.Caused by installation deficiency.Rear  
 binder installed via plant mod.W/920320 ltr.

DISTRIBUTION CODE: IE22T COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 4  
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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	NRR/DET/EMEB 7E	1 1	NRR/DLPQ/LHFB10	1 1
	NRR/DLPQ/LPEB10	1 1	NRR/DOEA/OEAB	1 1
	NRR/DREP/PRPB11	2 2	NRR/DST/SELB 8D	1 1
	NRR/DST/SICB8H3	1 1	NRR/DST/SPLB8D1	1 1
	NRR/DST/SRXB 8E	1 1	<del>REG FILE</del> 02	1 1
	RES/DSIR/EIB	1 1	RGN2 FILE 01	1 1
EXTERNAL:	EG&G BRYCE,J.H	3 3	L ST LOBBY WARD	1 1
	NRC PDR	1 1	NSIC MURPHY,G.A	1 1
	NSIC POORE,W.	1 1	NUDOCS FULL TXT	1 1

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
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MAR 20 1992

Robinson File No.: 13510C

Serial: RNP/92-0741

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 92-003

Gentlemen:

The enclosed Licensee Event Report (LER) is submitted in accordance with  
10 CFR 50.73 and NUREG-1022 including Supplements No. 1 and 2.

Very truly yours,

R. H. Chambers  
Plant General Manager  
H. B. Robinson S. E. Plant

DHB/sgk

Enclosure

cc: Mr. S. D. Ebnetter  
Mr. L. W. Garner  
INPO

260012

9203230250 920320  
PDR ADOCK 05000261  
S PDR

LER  
11

## LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

DOCKET NUMBER (2)

0 5 0 0 0 2 6 1 1 OF 0 3

PAGE (3)

TITLE (4)

INOPERABLE FIRE BARRIER DOOR DUE TO INSTALLATION DEFICIENCY

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	2	2	9	2	0	0	3	0	0	0	0
0	2	2	9	2	0	0	3	0	0	0	0

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

OPERATING MODE (9)	20.402(b)	20.405(c)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 1 0 0	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)	X OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)	X 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)(x)

LICENSEE CONTACT FOR THIS LER (12)

NAME

DAVID H. BAUR, REGULATORY COMPLIANCE

TELEPHONE NUMBER

AREA CODE

8 0 3 3 8 3 - 1 2 9 6

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

CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS

SUPPLEMENTAL REPORT EXPECTED (14)

☐ YES (If yes, complete EXPECTED SUBMISSION DATE)☒ NOEXPECTED  
SUBMISSION  
DATE (15)

MONTH DAY YEAR

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

At 1615 hours on February 26, 1992, with H. B. Robinson Unit No. 2 operating at 100% power, the "A" Emergency Diesel Generator Room fire door was declared inoperable. The fire door is a 3-hour rated, automatic closing door, manufactured by Richards-Wilcox that was installed during plant construction. The fire door was determined to be inoperable due to it having been installed without the rear binder. The rear binder was part of the tested configuration and must be present to maintain the 3-hour fire rating, as it provides lateral support that will resist buckling during an extended fire. The appropriate fire detection system was verified operable as required by Technical Specification upon discovery that the fire door was, in fact, inoperable. A rear binder has been installed by plant modification and the fire door declared operable on March 7, 1992. The fire door on the "B" Emergency Diesel Generator Room was verified to have a rear binder installed. This condition is reportable pursuant to 10CFR50.73(a)(2)(i)(B) due to the failure of this fire door to meet Technical Specification operability requirements. Further, since repairs were not completed within 7 days of the discovery of inoperability, this report satisfies the requirement of Technical Specification 3.14.7.2.c to submit a 30 day Special Report.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	DOCKET NUMBER (2) 05000261	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		92	003	00	02	OF	03

TEXT (If more space is required, use additional NRC Form 364A's) (17)

I. DESCRIPTION OF EVENT

At 1615 hours on February 26, 1992, with H. B. Robinson Unit No. 2<sup>1</sup> operating at 100% power, the "A" Emergency Diesel Generator Room fire door was declared inoperable. The fire door is a 3-hour rated, automatic closing door, manufactured by Richards-Wilcox that was determined to be inoperable due to it having been installed without the rear binder which is required under the UL Listing for a 3-hour rated fire door of this type. The rear binder was part of the tested configuration of the fire door and must be present to maintain the 3-hour fire rating. This binder also serves as a lateral support which will resist buckling, due to thermal expansion, of the door during an extended fire. The fire door on the "B" Emergency Diesel Generator Room was verified to have a rear binder installed.

II. CAUSE OF EVENT

The installation of the rear binder requires a recess in the wall and the door. Investigation revealed that a recess did not exist in either the wall or door. Therefore, it has been concluded that the rear binder was not installed with the door during construction. The reason for not including the binder at the time the door was installed could not be determined and is unknown.

III. ANALYSIS OF EVENT

This event is reportable under 10CFR50.73(a)(2)(i)(B), "Operation or Condition Prohibited by the Plant's Technical Specifications," in that the fire door did not meet the operability requirement of Technical Specification 3.14.7.1, which requires that penetration fire barriers be operable. Technical Specification 3.14.7.2 requires that, with the penetration fire barrier inoperable, the operability of the fire detection system on both sides of the barrier be verified operable within one hour. Although this action was taken upon ultimate discovery of the inoperable fire door, it is apparent that the fire door has been in an untested configuration since initial construction. Further, since repairs were not completed within 7 days of the discovery of inoperability, this report satisfies the requirement of Technical Specification 3.14.7.2.c to submit a 30 day Special Report.

<sup>1</sup> H. B. Robinson Unit No. 2 is a Pressurized Water Reactor in commercial operation since March, 1971.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0164

EXPIRES: 8/31/88

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (8)

PAGE (3)

H. B. ROBINSON STEAM ELECTRIC  
PLANT, UNIT NO. 2

0 5 0 0 0 2 6 1 9 2 — 0 0 3 — 0 0 0 3 OF 0 3

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

IV. CORRECTIVE ACTIONS

The immediate corrective action taken was to verify that the fire detection system providing coverage was operable on each side of the door as required by Technical Specification 3.14.7.2.a.

Additional corrective action consists of the installation of the missing rear binder under Modification M-1124. This modification was completed and the fire door returned to service at 0100 hours on March 7, 1992.

V. ADDITIONAL INFORMATION

## 1. Failed Component Identification

None

## 2. Previous Similar Events

LER 90-003