

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9102250176 DOC.DATE: 91/02/18 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.  
 SHEPPARD,J.J. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 91-001-00:on 910112,pressurizer PORV operators  
 inoperable for period exceeding 12 h.Caused by Copes-Vulcan  
 supplying parts not meeting requirements of CP&L purchase  
 order.Stores personnel counseled.W/910218 ltr.

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 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

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INTERNAL:	ACNW		2	2		AEOD/DOA		1	1
	AEOD/DSP/TPAB		1	1		AEOD/ROAB/DSP		2	2
	NRR/DET/ECMB 9H		1	1		NRR/DET/EMEB 7E		1	1
	NRR/DLPQ/LHFB11		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/SICB 7E		1	1
	NRR/DST/SPLB8D1		1	1		NRR/DST/SRXB 8E		1	1
	REG FILE 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 MAYS,G		1	1
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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
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FEB 18 1991

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United States Nuclear Regulatory Commission  
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261  
LICENSE NO. DPR-23  
LICENSEE EVENT REPORT 91-001

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,

J. J. Sheppard  
General Manager

H. B. Robinson S. E. Plant

DHB:lht

Enclosure

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

9102250176 910218  
PDR ADOCK 05000241  
S PDR

FE22  
116

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2												DOCKET NUMBER (2) 0 5 0 0 0 2 6 1				PAGE (3) 1 OF 0 3									
TITLE (4) INOPERABLE PRESSURIZER POWER OPERATED RELIEF VALVES																									
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	1	1	2	9	1	9	1	0	0	1	0	0	0	2	1	8	9	1	0	5	0	0	0	0	0
OPERATING MODE (9) N		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																							
POWER LEVEL (10) 0 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)				X 50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)											
		20.405(a)(1)(iii)				X 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 David H. Baur, Regulatory Compliance												TELEPHONE NUMBER 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)												EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR									
YES (If yes, complete EXPECTED SUBMISSION DATE)												NO													

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

On January 24, 1991 with the H. B. Robinson Unit No. 2 in cold shutdown for Refueling Outage No. 13, Copes-Vulcan notified Carolina Power and Light Company that certain parts supplied by them were not Qualified Safety Related parts as required by the Purchase Order. The parts in question had been installed in the Pressurizer Power Operated Relief Valve Operators on January 6 and 7, 1991. The Power Operated Relief Valves (PORVs) were not required to be operable at the time this condition was discovered, but were required to be operable for Low Temperature Overpressure Protection during Fill and Vent operations conducted between 1521 hours on January 12, 1991 and 1211 hours on January 13, 1991, a period of 20 hours and 40 minutes. Technical Specification 3.1.2.1.d allows an LCO for inoperable PORVs of 12 hours; therefore this event is being reported as an operation not allowed by Technical Specification.

## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-3104

EXPIRES: 8/31/88

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	DOCKET NUMBER (2) 0 5 0 0 0 2 6 1	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 1	— 0 0 1	— 0 0	0 2	OF	0 3

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

I. DESCRIPTION OF EVENT

At about 2252 hours on January 24, 1991 with the H. B. Robinson Unit No. 2<sup>1</sup> in cold shutdown for Refueling Outage No. 13, Copes-Vulcan notified Carolina Power and Light Company (CP&L) that certain parts supplied by them were not Qualified Safety Related parts as required by the Purchase Order. The parts in question had been installed in the Pressurizer Power Operated Relief Valve Operators on January 6 & 7, 1991. The Power Operated Relief Valves (PORVs) were not required to be operable at the time this condition was discovered, but were required to be operable for Low Temperature Overpressure Protection (LTOP) during Fill and Vent operations conducted between 1521 hours on January 12, 1991, and 1211 hours on January 13, 1991, a period of 20 hours and 40 minutes. Technical Specification 3.1.2.1.d allowed an LCO for inoperable PORVs of 12 hours; therefore this event is being reported as an operation not allowed by Technical Specification.

The event being reported began on Saturday, January 5, 1991, with the ordering of valve operator parts consisting of a diaphragm base, diaphragm cover, bolts, and nuts for each of the two PORVs. The verbal order was placed by telephone to Copes-Vulcan, Inc. Lake City, Pennsylvania. The parts, and the Certification of Conformance, were picked up by CP&L personnel on January 5, 1991 from Copes-Vulcan Plant in Charlotte, North Carolina and were taken to the Robinson Plant where they were Receipt Inspected, accepted, and released for installation. The two valve operators were assembled using the new parts and reinstalled on the PORVs on January 6&7, 1991. As stated above, the PORVs were placed in service for Technical Specification required LTOP at 1521 hours on January 12, 1991 for Fill and Vent operations, followed by Plant depressurization and blocking the PORVs open to provide the required vent path for cold solid conditions at 1211 on January 13, 1991. On January 24, 1991 after receipt of the Purchase Order, Copes-Vulcan notified CP&L that the order was taken by accounting personnel and had been filled from available stock at the Charlotte, North Carolina Copes-Vulcan plant and were not produced under the Quality Assurance Program required by the CP&L Purchase Order. At this time the Plant had already been depressurized and vented; therefore no corrective action was required other than to tag the PORVs so they would not be made Operable until the problem was resolved. The PORVs were determined to be Inoperable on January 25, 1991, and this determination was documented in the Control Room. Also on January 25, 1991 replacement parts were ordered, received, Receipt Inspected, accepted and released for installation. The replacement parts were installed in the PORV Operators on January 26, 1991 and the PORVs were declared Operable at 0030 hours and 1300 hours on January 27, 1991.

<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: 8/31/86

FACILITY NAME (1) H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2	DOCKET NUMBER (2) 0 5 0 0 0 2 6 1 9 1	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0	0	1	0	0	0

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

II. CAUSE OF EVENT

The event was caused by Copes-Vulcan supplying parts that did not meet the requirements of the CP&L Purchase Order.

III. ANALYSIS OF EVENT

This event is being reported under 10CFR50.73 (a) (2) (i) B "Operation or Condition Prohibited by the Plants Technical Specification" and 10CFR50.73 (a) (2) (vii) "An Event Where a Single Cause Made Two Independent Trains Inoperable".

This event is not considered to be significant because the parts installed on January 6&7, 1991, were correct parts but were not produced under a Quality Assurance Program. The valves were verified to function properly after repair and were returned to service. There is no reason to suspect that the parts would not have preformed if called on during the 20 hours and 40 minutes that they were in service for Low Temperature Overpressure Protection.

IV. CORRECTIVE ACTIONS

As stated above the immediate corrective actions were to declare the PORVs Inoperable until replacement parts could be obtained and installed.

Because the parts were originally purchased by telephone on a rush basis, the Robinson Plant Stores Personnel are aware of the conditions that led to this event and have been counseled to use care when making verbal Purchase Orders especially during non working hours.

V. ADDITIONAL INFORMATION

The valve operators were manufactured by Copes-Vulcan and are a Diaphragm Operator Model D-100-160-2½ Drawing L-129214.

No previous Licensee Event Reports have been written due to the use of unqualified parts.