

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9807070056 DOC.DATE: 98/06/30 NOTARIZED: NO DOCKET #
FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261
AUTH.NAME AUTHOR AFFILIATION
WILKERSON,T.M. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Records Management Branch (Document Control Desk)

SUBJECT: Suppl to 970806 special rept re inoperable primary position
indication indicator.Cause of inoperability was missing
fiberglass sleeve.Cable & sleeve replaced & equipment
returned to svc.

DISTRIBUTION CODE: IE22D COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 2
TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-1 PD	1 1	SHEA,J W	1 1
INTERNAL:	AEOD/SPD/RAB	2 2	AEOD/SPD/RRAB	1 1
	EPHE CENTER	1 1	NRR/DE/ECGB	1 1
	NRR/DE/EELB	1 1	NRR/DE/EMEB	1 1
	NRR/DRCH/HICB	1 1	NRR/DRCH/HOHB	1 1
	NRR/DRCH/HQMB	1 1	NRR/DRPM/PECB	1 1
	NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
	RES/DET/EIB	1 1	RGN2 FILE 01	1 1
EXTERNAL:	L ST LOBBY WARD	1 1	LITCO BRYCE,J H	1 1
	NOAC POORE,W.	1 1	NOAC QUEENER,DS	1 1
	NRC PDR	1 1	NUDOCS FULL TXT	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LIST
OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL
DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 23 ENCL 0



Carolina Power & Light Company

Robinson Nuclear Plant
3581 West Entrance Road
Hartsville SC 29550

RNP File No: 13510

Serial: RNP-RA/98-0126

JUN 30 1998

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

SUPPLEMENTAL SPECIAL REPORT -
PRESSURIZER SAFETY VALVE PRIMARY POSITION INDICATOR

Dear Sir or Madam:

This letter provides supplemental information concerning "Special Report - Pressurizer Safety Valve Primary Position Indicator," transmitted to the NRC by letter dated August 6, 1997.

The letter entitled, "Special Report - Pressurizer Safety Valve Primary Position Indicator," was provided in accordance with H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Former Technical Specifications (TS) Table 3.5.5, "Instrumentation to Follow the Course of a Accident," Item 6, which required that one channel of Safety Valve Position Indication be operable. The special report discussed actions taken to restore the channel to operable status, the estimated date for completion of repairs and compensatory actions taken while the equipment remained out of service. CP&L committed to provide the cause of the inoperability as supplemental information by June 30, 1998. The evaluation of the root cause of the reported failure has now been determined and is discussed below.

9807070056 980630
PDR ADDOCK 05000261
S PDR

1258

The Cause of the Inoperable Primary Position Indication Indicator

The cause of the inoperability could not be definitely determined. The most likely cause appears to have been a missing Fiberglass sleeve (cable feed-through) which allowed fraying of the insulation and subsequent shorting of the cable between the accelerometer and the pre-amplifier to the conduit over time. The missing sleeve likely allowed partial or full shorting of the constant current supplied to the pre-amplifier by the Signal Conditioning Amplifier, rendering the pre-amplifier inoperable while the short existed. The cable and the sleeve have been replaced. The equipment was then returned to service after post maintenance testing was successfully completed on April 2, 1998.

If you have any questions concerning this matter, please contact me or Mr. H. K. Chernoff of my staff.

Very truly yours,



T. M. Wilkerson
Manager - Regulatory Affairs

PMY/pmy

c: Mr. L. A. Reyes, USNRC, Region II
Mr. J. W. Shea, USNRC
USNRC Resident Inspector, HBRSEP