

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9102040222 DOC.DATE: 91/01/25 NOTARIZED: NO DOCKET #  
 FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261  
 AUTH.NAME AUTHOR AFFILIATION  
 VAUGHN,G.E. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION  
 Document Control Branch (Document Control Desk)

SUBJECT: Informs NRC of change to schedule for implementation of meter scale replacement project. Project will be complete by restart from Refueling 14, presently scheduled to begin in Spring 1992.

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**Carolina Power & Light Company**

P.O. Box 1551 • Raleigh, N.C. 27602

**JAN 25 1991**

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G. E. VAUGHN  
Vice President  
Nuclear Services Department

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
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H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23  
REVISED COMMITMENT REGARDING CONTROL BOARD METER SCALES

Gentlemen:

Carolina Power & Light Company (CP&L) hereby informs NRC of a necessary change to the schedule for implementation of the Meter Scale Replacement Project, which was established by the Detailed Control Room Design Review Final Summary Report, NLS-86-345, dated September 23, 1986. The original schedule was subsequently modified by our letter NLS-90-016, dated March 2, 1990, responding to open items from the NRC post-implementation audit of the TMI Action Plan Item I.D.1, Control Room Design Review. The modified schedule requires further change.

The original commitment for this project, which replaced the meter scales only, was completed as scheduled in 1988. However, during our extended Auxiliary Feedwater System outage in 1989, CP&L identified a new discrepancy-- the inability of the existing instrumentation to hold calibration with the new expanded scales at the upper and lower end of their ranges. The resolution of this new discrepancy resulted in the need to replace the entire meter for each function involved to assure compatibility with the desired range of the associated meter scales.

The meter scales for each new meter were individually designed and drafted to ensure that each human engineering deficiency was corrected. This was followed by a search for and evaluation of prospective meter suppliers. These actions required more time than our revised 1990 commitment had allowed. The process was complicated by the relative uniqueness of the miniaturized design of the Robinson control board. The meters involved require special design features which the original supplier no longer supports as standard equipment. The original meters were seismically designed with the control board as a complete package; thus replacing the meters requires that each type be individually seismically qualified. In addition, the Robinson design used a screwed plug connection, which is nonstandard configuration for the meters required. It has been more difficult to develop a supplier with the qualifications and capability to modify and seismically evaluate this nonstandard configuration than originally anticipated.

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CP&L has now identified a supplier and is preparing the procurement documentation to perform the required modification and seismic qualification; however, CP&L is unable to complete this project during Refueling 13 as previously committed. Due to the operability requirements of the respective instrumentation, an outage is required to replace the majority of the equipment involved. Therefore, Carolina Power & Light Company commits to install the instruments associated with this project at the first outage of sufficient duration following receipt of each instrument involved. This project will be complete by restart from Refueling 14, which is presently scheduled to begin in the spring of 1992.

Questions regarding this matter may be referred by Mr. R. W. Prunty at (919) 546-7318.

Yours very truly,



G. E. Vaughn

JSK:jbw (958RNP)

cc: Mr. S. D. Ebnetter  
Mr. L. Garner (NRC-HBR)  
Mr. R. Lo