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SUBJECT: Responds to NRC ltr re violations noted in insp rept
 50-261/93-12.C/As: licensee established program for
 monitoring Heat Exchanger temps to determine if currently
 installed instrumentation can provide values.

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Carolina Power & Light Company

ROBINSON NUCLEAR PLANT

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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

NRC INSPECTION REPORT NO. 50-261/93-12: SERVICE WATER SYSTEM INITIATIVES

Gentlemen:

NRC Inspection Report 93-12 documented deficiencies noted by the NRC in H. B. Robinson's Service Water System. The Inspection Report stated a concern in whether CP&L had explored all approaches available for performance testing of heat exchangers served by Service Water. As requested by the Inspection Report, CP&L provides the following information concerning performance monitoring initiatives:

1. CP&L is evaluating new technology (a computerized single tube heat exchanger test device) for heat exchanger testing. The advantage with the specific device under consideration is that a reasonably accurate determination of tube fouling can be made. Therefore, the capability of the heat exchanger to perform its design safety function can be validated. The device requires the heat exchanger to be out of service for testing, which limits testing to outage times. Because the equipment is currently under development and is not yet available commercially for use, CP&L is considering use of this equipment during Refueling Outage 16 if it is available at that time. The specific applications would be for conducting performance testing of one Component Cooling Water Heat Exchanger and two Containment Coolers.

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2. A program has been established for monitoring Emergency Diesel Generator (EDG) Heat Exchanger temperatures to determine if currently installed instrumentation can provide values which can be used to predict Heat Exchanger tube fouling. Upon evaluation of the available data, additional flow and temperature instrumentation will be installed on each of the three EDG heat exchangers as CP&L determines necessary based on the results of this review. Since the EDG Heat Exchangers are the only components that operate near the maximum design load, they provide the best opportunity for obtaining accurate fouling estimates.

Should you have any questions regarding this matter, please contact Mr. D. B. Waters (803) 383-1802.

Very truly yours,



Charles R. Dietz
Vice President
Robinson Nuclear Plant

RDC:lst

c: Mr. S. D. Ebnetter
Mr. W. T. Orders
INPO