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 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards Rev 1 to "Shearon Harris Nuclear Power Plant CRDR
 Final Summary Rept" & addl info re human engineering
 discrepancies listed in draft LLL technical evaluation rept.

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NOTES: Application for permit renewal filed. 05000400

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	BUCKLEY, B	1	10	PWR-A PSB	1	10			
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INTERNAL:	ADM/LFMB	1	0	IE/DEPER/EPB	3	3			
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ACCESSION NO. 88020188 DATE: 88-04-28 NOTATION: NO
FACILITY: 400 S. GARDEN STREET, OFFICE OF NUCLEAR REACTOR REGULATORY DISTRICT (post office)
APPLICANT: GENERAL POWER & LIGHT CO.
REACTOR: REACTOR REGULATORY DISTRICT
REACTOR: REACTOR REGULATORY DISTRICT

SUBJECT: Form 1 to "Station Heat Transfer Nuclear Power Plant (RNR)
Final Summary Report" & add'l info re human engineering
discrepancies listed in draft LL technical evaluation report.

TITLE: (Qualifying Subject): Suppl. to NUREG-0737 (Gen. Ltr. 88-08)
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MR RSR ADTS	1	MR PAULSON	1
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Carolina Power & Light Company

APR 28 1986

SERIAL: NLS-86-127

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
CONTROL ROOM DESIGN REVIEW FINAL SUMMARY REPORT

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits a revision to the SHNPP Control Room Design Review (CRDR) Final Summary Report. This revision is in response to concerns expressed in the Lawrence Livermore National Laboratory (LLNL) draft "Technical Evaluation Report (TER) of the Detailed Control Room Design Review," dated November 4, 1985 and discussions held with members of the NRC on December 20, 1985 and March 18-19, 1986.

Enclosure 1 provides the revised sections of the SHNPP CRDR Final Summary Report, which includes the relevant information required to complete the staff's review of the SHNPP CRDR program. Each revised section is paginated such that it directly replaces the corresponding sections contained in the SHNPP CRDR Final Summary Report submitted to you on September 13, 1985. Each report section contained in Enclosure 1 has been expanded to include the additional information requested in the draft TER and by discussions with the NRC. This additional material will enable the NRC and LLNL reviewers to adequately assess the development and implementation of the SHNPP CRDR Program and the results obtained from the review process.

Enclosure 2 presents those HEDs listed in the draft TER as not containing adequate information for the NRC to perform a thorough review of the HED disposition. For these HEDs, the "Title" and/or "Disposition" descriptions have been expanded to provide the additional information requested. Please note that Enclosure 2 is not a revision to the SHNPP CRDR Final Summary Report, Appendix A, but provides additional information only.

The attached material was reviewed and discussed with the NRC Human Factors reviewers during the March 18-19, 1986 on-site meeting and was determined to adequately address all NRC and LLNL concerns. With this submittal CP&L, therefore,

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considers all outstanding NRC concerns regarding the SHNPP CRDR Program to be closed. Should you have any questions concerning this submittal, please contact Mr. Arnold Schmich at (919) 836-8759.

Yours very truly,



A. B. Cutter - Vice President
Nuclear Engineering & Licensing

ABC/AWS/ccc (3692AWS)

Enclosures

*cc: Mr. B. C. Buckley (NRC)
Mr. G. F. Maxwell (NRC-SHNPP)
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* Enclosure with all cc's.

