



Carolina Power & Light Company

January 29, 1982

Serial No.: NO-82-083

Office of Nuclear Reactor Regulation
ATTN: Mr. D. B. Vassallo, Chief
Operating Reactors Branch No. 2
United States Nuclear Regulatory Commission
Washington, D.C. 20555



BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
REGULATOR SYSTEM FOR RPS M-G SETS

Dear Mr. Vassallo:

In our letter dated October 29, 1981, Carolina Power & Light Company (CP&L) revised our commitment date for providing, in response to Mr. T. A. Ippolito's letter dated September 24, 1980, design information and draft Technical Specifications for upgrading the Reactor Protection System (RPS) motor-generator (M-G) sets for Brunswick-1 and Brunswick-2. In response to the September 24, 1980 request, CP&L hereby submits the enclosed design information (Enclosures 2 through 9) and draft Technical Specifications (Enclosure 1). A technical discussion of the RPS Protective Circuit Upgrade is provided in General Electric Company Report No. NEDO-24317 (Enclosure 7). The RPS M-G set modifications are currently planned to be installed during the upcoming 1982 refueling outages, now scheduled for late spring (Brunswick-2) and fall (Brunswick-1). A formal request for Technical Specification changes is contained in our letter Serial No. NO-82-084.

Please call us if you have any questions concerning this information.

Yours very truly,

P. W. Howe
Vice President
Technical Services

Handwritten notes:
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SEND DRUGS to
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WRM/lr (9650)

Enclosures

cc: Mr. J. P. O'Reilly (R-II)

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PDR ADOCK 05000324
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LIST OF ENCLOSURES

Enclosure 1	Draft Technical Specifications Changes
Enclosure 2	Installation Specifications
Enclosure 3	Test Specification
Enclosure 4	Purchase Specification
Enclosure 5	Design Specification
Enclosure 6	Conceptual Design Approval Letter
Enclosure 7	GE Report No. NEDO-24317 (RPS Upgrade)
Enclosure 8	Instruction Manual
Enclosure 9	Wiring Diagrams: 9527-F-3043 Rev. 8 9527-F-3044 Rev. 7 9527-F-9331 Rev. 5 9527-F-30053 Rev. 20 9527-F-93031 Rev. 4 9527-F-3053 Rev. 24 944E683 Rev. 0 (GE Dwg.)