



Carolina Power & Light Company

NOV 12 1982

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 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
REQUEST FOR LICENSE AMENDMENTS
DIGITAL TO ANALOG INSTRUMENTATION CHANGE

Dear Mr. Vassallo:

SUMMARY

In accordance with the Code of Federal Regulations, Title 10, Part 50.90 and Part 2.101, Carolina Power & Light Company (CP&L) hereby requests revisions to the Technical Specifications (TS) for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2. These revisions, which are administrative in nature, concern the replacement of certain digital instrumentation with analog instrumentation.

DISCUSSION

On November 19, 1979, CP&L submitted a request for TS changes to replace certain digital instrumentation with analog counterparts. In response to the request, the NRC issued a Safety Evaluation Report (SER) supporting Amendment Nos. 26 and 50 (dated March 14, 1980) for Brunswick-1 and Brunswick-2, respectively. The SER stated that the proposed plant modifications were technically acceptable and that CP&L would periodically submit administrative TS changes to revise instrument designations for those systems which had the digital-to-analog modification completed. This submittal reflects the recent installation of analog instrumentation on Brunswick-1 and Brunswick-2.

Plant procedures are being revised for the new instrumentation, but surveillance intervals and other requirements will remain in accordance with the existing TS until the requested changes are approved and issued by the NRC.

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The proposed TS changes enclosed include the following:

1. Format changes to improve consistency with the GE/BWR-4 Standard Technical Specifications (STS) and to improve document useability.
2. Typographical corrections.
3. Revision to the title of TS Table 3.3.2-3 and the addition of a clarification footnote from GE STS concerning ISOLATION SYSTEM RESPONSE TIME.
4. Deletion of references to group 7 primary containment isolation valves in TS Table 3.3.2-1.
5. Proposed revisions submitted by our letter dated September 7, 1982 concerning low condenser vacuum actuation of group 1 primary containment isolation.
6. Revision of the method proposed by our submittal dated November 18, 1981 for referencing REFERENCE LEVEL ZERO.

The enclosed TS changes do not include the following:

1. Proposed revisions submitted by our letter dated March 16, 1982 concerning HPCI/RCIC time delay relays.
2. Proposed revisions submitted by our letter dated July 29, 1982 concerning degraded voltage and loss of voltage relays.

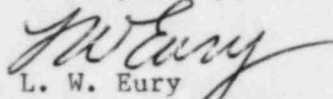
ADMINISTRATIVE INFORMATION

Enclosed are TS pages with the requested revisions indicated by vertical lines in the right-hand margins. We have evaluated this request in accordance with the criteria in 10 CFR 170.22 and have determined that this submittal constitutes a Class II and a Class I license amendment request for Brunswick-2 and Brunswick-1, respectively. Therefore, our check for \$1,600.00 is enclosed in payment of the required fees.

In order to avoid unnecessary manpower expenditures in recalibrating the bulk of the recently installed analog instruments, we request your early review of this request and issuance of the requested revisions by December 20, 1982.

Should you have any questions concerning this submittal, please contact our staff.

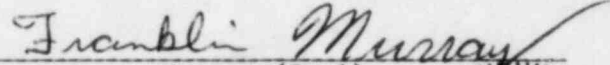
Yours very truly,



L. W. Eury
Senior Vice President
Power Supply

WRM/ce (5678C5T4)
Enclosures

Mr. L. W. Eury, having been first duly sworn, did depose and say that the information contained herein is true and correct to his own personal knowledge or based upon information and belief.



Notary (Seal)

My commission expires: **OCT 04 1986**

cc: Mr. D. O. Myers (NRC-BSEP)
Mr. J. P. O'Reilly (NRC-RII)
Mr. J. A. Van Vliet (NRC)

