

DEC 08 1981

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Docket Nos. 50-324/325

MEMORANDUM FOR: T. A. Ippolito, Chief  
Operating Reactors Branch No. 2, DL

FROM: W. P. Gamill, Chief  
Effluent Treatment Systems Branch, DSI

SUBJECT: PROPOSED CHANGES TO ENVIRONMENTAL TECHNICAL SPECIFICATIONS  
FOR BRUNSWICK, UNIT NOS. 1 AND 2 (TAC-47100 AND -47101)

On October 30, and November 25, 1981, Carolina Power and Light Company requested changes to Appendix B Technical Specifications for Brunswick, Unit Nos. 1 and 2. These changes were needed to clarify action requirements and reflect current methodology in calculating dose impact due to radioactive noble gas releases. We have completed our review and provided the Project Managers (J. Van Vliet and N. Bevan) draft copies of the evaluation/appraisal, the license amendments and the public notice for this amendment.

Since the Brunswick Station has a delay system but does not have an augmented offgas system in operation, we find that no change can be made to the technical specification 2.5.2.c that requires a report pursuant to 10 CFR Part 50, Appendix I, Section IV.A. As a shared gaseous radwaste system, the specification 2.5.2.b has been revised to require that the site release rates be reported whenever the Appendix I design objective annual quantity can not be maintained during 12 consecutive months to show compliance with 10 CFR 50.36a. In our review, we determined that the methodology for calculating dose impact could be improved, and by letter on November 12, 1981, we recommended this change which was found acceptable to the licensee, as stated in his letter dated November 25, 1981. Other edit changes were included to assure that the new methodology was used, that dose calculations would be performed at least every 31 days and that the nuclide dose factors were included in the specifications. If there are any additional questions, contact J. Boegli (ETSB) on x27634 or T. Mo (RAB) on x27621.

Original signed by:  
William P. Gamill

William P. Gamill, Chief  
Effluent Treatment Systems Branch  
Division of Systems Integration

- cc: R. Mattson
- W. Kreger
- F. Congel
- R. Bevan
- J. Van Vliet
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DATE	12/04/81	12/4/81	12/4/81	12/7/81	12/8/81