



10 CFR 72.140

APR 26 2010

SERIAL: BSEP 10-0056

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Spent Fuel Project Office
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

Subject: Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324
Independent Spent Fuel Storage Installation (ISFSI)
ISFSI Docket Number 72-006
ISFSI Quality Assurance Program

Ladies and Gentlemen:

In accordance with 10 CFR 72.4 and 10 CFR 72.140(c) and (d), Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc., hereby notifies the NRC of our intent to establish, maintain, and execute a previously approved Quality Assurance Program for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, Independent Spent Fuel Storage Installation (ISFSI) activities at the Brunswick Steam Electric Plant. The existing Quality Assurance Program satisfies the applicable criteria of Appendix B of 10 CFR 50, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants."

The Brunswick ISFSI will be operated under a general license associated with Transnuclear NUHOMS® System of Certificate of Compliance No. 1004. The Brunswick Steam Electric Plant ISFSI is expected to become operational in the fourth quarter of 2010. The 10 CFR 50, Appendix B, Quality Assurance Program will be applied to the Brunswick Steam Electric Plant ISFSI and will not require any changes for application to the ISFSI activities. In addition, CP&L will comply with the requirements of 10 CFR 72.174 with regard to record-keeping of quality assurance records associated with the Brunswick Steam Electric Plant ISFSI.

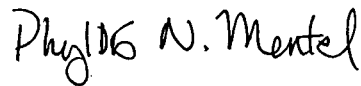
The Quality Assurance Program Description was submitted to the NRC as part of the Final Safety Analysis Report on May 30, 1972, under docket numbers 50-325 and 50-324. The NRC approved the program in the original plant operating license Safety Evaluation Report issued November 1973. The program is currently implemented through Nuclear Generation Group Program Manual NGGM-PM-0007, "Quality Assurance Program Manual," which is in Revision 17 as of April 14, 2010.

Document Control Desk
BSEP 10-0056 / Page 2

The current Quality Assurance Program Description is contained in Section 17.3 of the Updated Final Safety Analysis Report (UFSAR) for BSEP, Units 1 and 2. The last revision of the Quality Assurance Program Description which received NRC review and approval was in conjunction with Facility Operating License Amendments 177 and 208, issued April 18, 1995, for the BSEP, Units 1 and 2. The latest revision of the Quality Assurance Program Description was submitted by letter dated August 20, 2008, as part of the latest update to the UFSAR (i.e., UFSAR Revision 21).

No regulatory commitments are contained in this letter. Please refer any questions regarding this submittal to Ms. Annette Pope, Supervisor - Licensing/Regulatory Programs, at (910) 457-2184.

Sincerely,

A handwritten signature in black ink that reads "Phyllis N. Mentel". The signature is written in a cursive style with a large initial "P".

Phyllis N. Mentel
Manager - Support Services
Brunswick Steam Electric Plant

Document Control Desk
BSEP 10-0056 / Page 3

WRM/wrm

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