



JUL 07 2010

SERIAL: BSEP 10-0075

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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) Docket No. 72-006  
Final Response to Order EA-08-202, Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Brunswick Steam Electric Plant Spent Fuel Storage Installation

- References:
1. Letter from Michael F. Weber (NRC) to Benjamin C. Waldrep (CP&L), "Issuance of Order for Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Brunswick Steam Electric Plant Independent Spent Fuel Storage Installation," dated July 21, 2008.
  2. Letter from Benjamin C. Waldrep (CP&L) to NRC, "20 Day Response to NRC Order EA-08-202 Implementation of Additional Security Measures and Fingerprinting for Unescorted Access for Brunswick Steam Electric Plant Independent Spent Fuel Storage Installation," dated August 8, 2008.
  3. Letter from Catherin Haney (NRC) to Benjamin C. Waldrep (CP&L), "Relaxing of Schedule for Implementing Requirements of Order for Implementation of Additional Security Measures and Fingerprinting for the Unescorted Access for Brunswick Steam Electric Plant Independent Spent Fuel Storage Installation," dated August 21, 2009.

Ladies and Gentlemen:

Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc., has completed implementation of the additional security measures (ASMs) for physical protection required by Order EA-08-202 for the Brunswick Steam Electric Plant (BSEP) Independent Spent Fuel Storage Installation (ISFSI). These ASMs are described in Section D of Attachment 1, "Additional Security Measures (ASMs) for Physical Protection of Dry Independent Spent Fuel Storage Installations (ISFSIs)," (i.e., the applicable requirements for the BSEP ISFSI, since it will be located within the plant's Protected Area) and Attachment 2, "Additional Security Measures for Access Authorization and Fingerprinting at Independent Spent Fuel Storage Installations," of Enclosure 1 to

NMSSD1

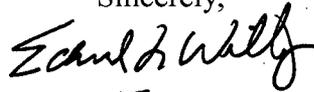
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Reference 1. CP&L is in full compliance with requirements of the Order as of July 7, 2010.

Nuclear Energy Institute (NEI) 03-12, Revision 6, "Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan," which the NRC has endorsed, has been used as a guideline in ensuring that the BSEP Security Program meets the NRC Order. The BSEP Security Program is available for NRC review, upon inspection.

Please refer any questions regarding this submittal to Mr. Allen K. Brittain, Manager -- Nuclear Plant Security, at (910) 457-3645.

Sincerely,

  
FOR

Michael J. Annacone

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WRM/wrm

Cc:

U. S. Nuclear Regulatory Commission, Region II  
ATTN: Mr. Luis A. Reyes, Regional Administrator  
245 Peachtree Center Ave, N.E., Suite 1200  
Atlanta, GA 30303-1257

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Michael F. Weber, Director  
Office of Nuclear Material Safety and Safeguards  
11555 Rockville Pike  
Rockville, MD 20852-2738

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Philip B. O'Bryan, NRC Senior Resident Inspector  
8470 River Road  
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission (**Electronic Copy Only**)  
ATTN: Mrs. Farideh E. Saba (Mail Stop OWFN 8G9A)  
11555 Rockville Pike  
Rockville, MD 20852-2738

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Raynard Wharton (Mail Stop EBB E3 D2M)  
Office of Nuclear Material Safety and Safeguards  
11555 Rockville Pike  
Rockville, MD 20852-2738

Chair - North Carolina Utilities Commission  
P.O. Box 29510  
Raleigh, NC 27626-0510

Mr. W. Lee Cox, III, Section Chief  
Radiation Protection Section  
North Carolina Department of Environment and Natural Resources  
1645 Mail Service Center  
Raleigh, NC 27699-1645