



Serial: RNP-RA/09-0016

FEB 11 2009

L. A. Reyes
Regional Administrator, Region II
U. S. Nuclear Regulatory Commission
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
Atlanta, Georgia 30303-8931

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

INDEPENDENT SPENT FUEL STORAGE INSTALLATION
DOCKET NO. 72-3/LICENSE NO. SNM-2502

INDEPENDENT SPENT FUEL STORAGE INSTALLATION
DOCKET NO. 72-60

INDEPENDENT SPENT FUEL STORAGE INSTALLATION
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT

Dear Mr. Reyes:

In accordance with 10 CFR 72.44(d)(3), Carolina Power and Light Company, also known as Progress Energy Carolinas, Inc., is providing the Annual Radioactive Effluent Release Report for the period January 1, 2008 through December 31, 2008 for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Independent Spent Fuel Storage Installations (ISFSIs).

The HBRSEP, Unit No. 2, site contains two ISFSI facilities. One facility operates under a site-specific license, which was originally issued in 1986 and was renewed in 2005. For that facility, this report is also submitted in accordance with License No. SNM-2502, Appendix C, Technical Specifications for Environmental Protection, Section 1.4.1. The second facility operates under a general license and began operation in 2005.

Both facilities employ the Transnuclear, Inc., NUHOMS® design. The design for both facilities includes seal welded storage canisters, such that there is no potential for gaseous or liquid radioactive effluents. Surveillances performed during the year confirm that the storage canisters are performing as designed. Hence, there were no gaseous or liquid radioactive effluents during 2008 for either facility.

United States Nuclear Regulatory Commission

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If you have any questions concerning this matter, please contact me at (843) 857-1626.

Sincerely,



C. A. Castell

Supervisor – Licensing/Regulatory Programs

RAC/rac

c: Director, Office of Nuclear Material Safety and Safeguards
NRC Document Control Desk
Director, Spent Fuel Storage and Transportation
NRC Resident Inspector, HBRSEP
M. G. Vaaler, NRC, NRR