



*William R. Hightower
H. B. Robinson Steam
Electric Plant Unit 2
Supv – Licensing/Reg Programs*

*Duke Energy
3581 West Entrance Road
Hartsville, SC 29550*

10 CFR 72.44(d)(3)

Serial: RNP-RA/13-0014

FEB. 08 2013

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/RENEWED LICENSE NO. DPR-23

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. McCree:

In accordance with 10 CFR 72.44(d)(3), Carolina Power & Light Company (CP&L), doing business as Progress Energy, is providing the Annual Radioactive Effluent Release Report for the period January 1, 2012 through December 31, 2012 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 2012 for either facility.

If you have any questions concerning this matter, please contact me at (843) 857-1329.

Sincerely,

A handwritten signature in black ink that reads "William R. Hightower". The signature is written in a cursive style with a prominent initial "W".

William R. Hightower
Supervisor – Licensing/Regulatory Programs

WRH/msc

- c: Victor McCree, NRC, Region II
Araceli Billoch Colón, NRC Project Manager, NRR
Director, Spent Fuel Storage and Transportation
NRC Resident Inspector
NRC Document Control Desk