



Charles E. Sherman  
H. B. Robinson Steam  
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10 CFR 72.44(d)(3)

Serial: RNP-RA/17-0016

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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 INSTALLATIONS  
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT**

Ladies and Gentlemen:

In accordance with 10 CFR 72.44(d)(3), Duke Energy Progress, Inc., is providing the Annual Radioactive Effluent Release Report for the period January 1, 2016 through December 31, 2016 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 2016 for either facility.

There are no regulatory commitments made in this submittal. If you have any questions concerning this matter, please contact Tony Pilo, Manager – Nuclear Regulatory Affairs at (843) 857-1409.

IE48  
NM5524  
NM5526  
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Sincerely,

A handwritten signature in black ink that reads "Charles E. Sherman". The signature is written in a cursive style with a large, prominent loop at the end of the name.

Charles E. Sherman

Director – Nuclear Organizational Effectiveness

CES/am

cc: NRC Regional Administrator, NRC, Region II  
Dennis Galvin, NRC Project Manager, NRR  
NRC Resident Inspector, HBRSEP, Unit No. 2  
Director, Spent Fuel Storage and Transportation  
NRC Document Control Desk