



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

Serial: RNP-RA/18-0003

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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 INSTALLATION  
ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT**

Ladies and Gentlemen:

In accordance with 10 CFR 72.44(d)(3), Duke Energy Progress, LLC is providing the Annual Radioactive Effluent Release Report for the period January 1, 2017 through December 31, 2017 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 2017 for either facility.

There are no regulatory commitments made in this submittal. If you have any questions regarding this submittal, please contact Kevin Ellis, Manager – Nuclear Regulatory Affairs at (843) 951-1329.

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Sincerely,



Charles E. Sherman

Director – Nuclear Organization Effectiveness

CES/cac

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