



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

March 31, 2020
NOC-AE-20003720
10 CFR 72.44(d)(3)

ATTN: Document Control Desk
Director, Division of Fuel Management
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

South Texas Project
Units 1 and 2
Docket Nos. 50-498; 50-499; 72-1041
Independent Spent Fuel Storage Installation Annual Radioactive Effluent Release Report

The purpose of this letter is to transmit the Annual Radioactive Release Report for the South Texas Project (STP) Independent Spent Fuel Storage Installation (ISFSI). Appendix A, Section 5.4 of the Certificate of Compliance 1032 for the STP ISFSI requires the submittal of an Annual Radioactive Effluent Release Report in accordance with 10 CFR Part 72.44(d)(3). The enclosed report is for the period from January 31, 2019 through January 31, 2020.

STP utilizes the Holtec International HI-STORM FW Cask System for storage of spent fuel. The HI-STORM FW Cask System does not create any radioactive material nor does it have any radioactive waste treatment system. Therefore, specific operating procedures for the control of radioactive effluents are not required. The HI-STORM FW Cask System is also designed and fabricated with a completely seal-welded pressure vessel such that leakage from the confinement boundary is not considered to be a credible occurrence. Therefore, there were no radionuclides released to the environment in liquid or gaseous effluents from the STP ISFSI during the reporting period from January 31, 2019 through January 31, 2020.

There are no commitments in this letter.

If there are any questions regarding this matter, please contact Ali Albaaj at (361) 972-8949 or me at (361) 972-8555.

A handwritten signature in blue ink, appearing to read "Timothy Frawley".

Timothy Frawley
Manager, Corporate Projects

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Enclosure: South Texas Project Independent Spent Fuel Storage Installation Annual Radioactive Effluent Release Report

STI 35006708

South Texas Project
Independent Spent Fuel Storage Installation
Annual Radioactive Effluent Release Report

Reporting period: January 31, 2019 through January 31, 2020

<u>Independent Spent Fuel Storage Installation:</u> The South Texas Project (STP) Independent Spent Fuel Storage Installation (ISFSI) is located within the STP Protected Area and is designed to hold 90 Holtec International HI-STORM FW storage casks. The STP ISFSI contains 12 storage casks as of the end of the reporting period.	12 total casks
<u>Airborne Effluent Releases from the ISFSI:</u> There were no airborne effluent releases from the STP ISFSI during the reporting period.	0.00E+00 Curies
<u>Liquid Effluent Releases from the ISFSI:</u> There were no liquid effluent releases from the STP ISFSI during the reporting period.	0.00E+00 Curies
<u>Dose to Individuals Due to ISFSI Effluent Releases:</u> There was no dose to individuals due to ISFSI effluent releases during the reporting period.	0.00E+00 Curies