



Entergy Operations, Inc.
River Bend Station
5485 U.S. Highway 61N
St. Francisville, LA 70775
Tel 225-635-5000

Timothy A. Schenk
Regulatory Assurance Manager

10 CFR 72.44

RBG-47939

February 26, 2019

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Spent Fuel Storage Radioactive Effluent Release Report for 2018

River Bend Station – Unit 1
NRC Docket Nos. 50-458
Facility Operating License No. NPF-47

River Bend Station (RBS) Certificate of Compliance for Spent Fuel Storage Casks (CoC) 5.4, requires the submittal of an Annual Radioactive Effluent Release Report. 10CFR72.44(d)(3) also requires the annual submittal of a summary of effluents from the independent spent fuel storage facility. The purpose of this letter is to fulfill these reporting requirements for the 2018 calendar year at RBS.

The HI-STORM 100 Cask System does not create any radioactive materials or have any radioactive waste treatment systems. There is no gaseous or liquid pathway attributed to the spent fuel stored in the independent spent fuel storage installation. Radiation Protection radiological surveys and current postings were reviewed and demonstrate that there is no impact to members of the public from the dry fuel storage in 2018. Environmental TLD data for 2018 was reviewed and it also does not show any impact to members of the public from dry fuel storage in 2018. Therefore, there were no radionuclides released to the environment in liquid or gaseous effluents during the previous 12 months of operation.

There are no commitments in this letter.

If you have any questions or require additional information, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Schenk".

TAS/twf

RBG-47939

Page 2 of 2

cc: NRC Region IV Regional Administrator
NRC Senior Resident Inspector – River Bend Station, Unit 1
Ji Young Wiley, Department of Environmental Quality, Office of Environmental
Compliance, Radiological Emergency Planning and Response Section
Public Utility Commission of Texas, Attn: PUC Filing Clerk
NRC Project Manager