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Tim Schenk
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RBG-48137

November 12, 2021


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

Subject: Additional Information for the 2019 Annual Radioactive Effluent
Release Report
River Bend Station – Unit 1
Renewed Operating License No. NPF-47
Docket No. 50-458

The River Bend Station (RBS) Annual Radioactive Effluent Release Report for the period of January 1, 2019 through December 31, 2019 was submitted on April 30, 2020 (ML20121A286). A revised page 23 of the Report is enclosed. Additional information was added to the Solid Waste Summary in the revision.

Should you have any questions regarding the enclosed, please contact Tim Schenk, at (225) 381-4177.

Sincerely,

Tim Schenk  Digitally signed by Tim Schenk
DN: cn=Tim Schenk, c=US, o=River
Bend Station, ou=Manager
Regulatory Assurance,
email=tschenk@entergy.com
Date: 2021.11.12 06:26:39 -06'00'

Tim Schenk

TAS/tf

Enclosure: Revised Page 23 of 2019 Annual Radioactive Effluent Release Report

cc: NRC Region IV Regional Administrator, w/o Enclosure
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
NRC Project Manager

Enclosure
Revised Page 23 of 2019 Annual Radioactive
Effluent Release Report

Annual Radioactive Effluent Release Report

Table 10, Major Nuclides

Major Nuclide Composition	Isotope	%	Curies
d. Other (Water, EHC, Waste Oil, Etc.)	Mn-54	1.88	7.51E-04
	Fe-55	43.22	1.73E-02
	Co-60	51.91	2.05E-02
	Ni-63	1.82	7.27E-04

Determined by Measurement & Correlation.
 Packaged in Strong, Tight Liners.
 No Solidification Agent or Absorbent Used.

[Note 1] – “Major” radionuclide is equivalent to a “principle” radionuclide, i.e. greater than 1 percent of total activity.

5.1.3 Solid Waste Disposition

Table 11, Solid Waste Disposition (Specify Site or Unit)

Number of Shipments	Mode of Transportation	Destination
8	Truck	Energy Solutions, LLC (Gallaher) – Oak Ridge, TN
3	Truck	Energy Solutions (Memphis) - Memphis, TN
51	Truck	Energy Solutions (Bear Creek) - Oak Ridge, TN
2	Truck	Energy Solutions (Erwin ResinSolution) - Erwin, TN

Table 12, Irradiated Fuel Shipments Disposition

No Irradiated Fuel Shipments for 2019		
Number of Shipments	Mode of Transportation	Destination
N/A	N/A	N/A