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**Paul Wood**  
Regulatory Assurance Manager  
Waterford 3

10 CFR 72.44

W3F1-2021-0011

February 11, 2021

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

SUBJECT: Spent Fuel Storage Radioactive Effluent Release Report for 2020

Waterford Steam Electric Station, Unit 3  
Docket No. 72-75  
General License

Waterford 3 Certificate of Compliance for Spent Fuel Storage Casks Section 5.4 requires the submittal of an Annual Radioactive Effluent Release Report. Additionally, Title 10 Code of Federal Regulations 72.44(d) (3) requires the annual submittal of a summary of effluents from the Independent Spent Fuel Storage Facility. Waterford 3 hereby submits the Independent Spent Fuel Storage Installation (ISFSI) annual effluent report for the previous calendar year.

The HI-STORM 100 Cask System does not create any radioactive materials or have any radioactive waste treatment systems. Therefore, specific operating procedures for the control of radioactive effluents are not required. The HI-STORM 100 Cask System is also designed and fabricated with a totally 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 Independent Spent Fuel Storage Facility at Waterford 3 for the calendar year 2019.

This letter contains no new commitments. Please contact Paul Wood, Regulatory Assurance Manager, at (504) 464-3786 if you have questions regarding this information.

Sincerely,

**Remy R.  
DeVoe**

Digitally signed by  
Remy R. DeVoe for Paul Wood  
Date: 2021.02.11  
16:53:29 -06'00'

PW/rrd

Attachment: None

cc: NRC Region IV Regional Administrator  
NRC Senior Resident Inspector – Waterford Steam Electric Station, Unit 3  
NRR Project Manager