



**Entergy Operations, Inc.**  
17265 River Road  
Killona, LA 70057-3093  
Tel 504-739-6685  
Fax 504-739-6698  
jjarrel@entergy.com

**John P. Jarrell III**  
Manager – Regulatory Assurance  
Waterford 3

W3F1-2017-0011

January 23, 2017

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

**SUBJECT:** Spent Fuel Storage Radioactive Effluent Release Report for 2016  
Waterford Steam Electric Station Unit 3 (Waterford 3)  
Docket No. 72-75  
General License

Dear Sir or Madam:

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. The purpose of this letter is to document effluent radioactive release from the spent fuel storage casks for the calendar year of 2016.

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 of 2016.

This report contains no new commitments. Please contact John P. Jarrell, Regulatory Assurance Manager, at (504) 739-6685 if you have questions regarding this information.

Sincerely,

A handwritten signature in black ink, appearing to read "JPJ/lam".

JPJ/lam

Attachment: None

cc: Mr. Kriss Kennedy, Regional Administrator  
U.S. NRC, Region IV  
RidsRgn4MailCenter@nrc.gov

U.S. NRC Project Manager for Waterford 3  
April.Pulvirenti@nrc.gov

U.S. NRC Senior Resident Inspector for Waterford 3  
Frances.Ramirez@nrc.gov  
Chris.Speer@nrc.gov