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Waterford 3

W3F1-2018-0009

February 12, 2018

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

SUBJECT: Spent Fuel Storage Radioactive Effluent Release Report for 2017
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. 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 of 2017.

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/Illb", is written over a large, stylized circular flourish.

JPJ/Illb

Attachment: None

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

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