



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

June 6, 2017

Mr. Edward T. O'Neil,
General Manager
Nuclear Protective Services
Duke Energy Corporation
526 South Church Street (EC5ZD)
Charlotte, NC 28202

SUBJECT: RESPONSE TO ORDER FOR IMPLEMENTATION OF ADDITIONAL SECURITY MEASURES AND FINGERPRINTING FOR UNESCORTED ACCESS FOR CRYSTAL RIVER NUCLEAR GENERATING PLANT INDEPENDENT SPENT FUEL STORAGE INSTALLATION

Dear Mr. O'Neil:

The U.S. Nuclear Regulatory Commission (NRC) issued an Order (EA-16-005) on February 24, 2016, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16048A032), that modified the current license for Duke Energy Florida, LLC (DEF) Crystal River, Unit 3 (CR3) Nuclear Generating Plant Independent Spent Fuel Storage Installation (ISFSI). The Order required compliance with additional security measures (ASMs) for physical protection and access authorization, and fingerprinting at ISFSIs. DEF submitted its response to the Order for the CR3 ISFSI on March 9, 2016 (ADAMS Accession No. ML16069A367).

DEF notified the NRC in its March 9, 2016, reply that scheduled compliance with the ASMs would occur by January 31, 2017. DEF submitted revision 3 of the CR3 physical security plan (PSP) to the NRC, on February 20, 2017 (ADAMS Accession No. ML17052A397). The NRC completed an on-site physical security inspection at CR3 on March 30, 2017, documented in a report dated April 18, 2017 (ADAMS Accession No. ML17108A764). The inspection was performed to ensure compliance with the ASMs.

Based on our review, the NRC staff finds that DEF's responses to the Order are acceptable. The NRC has determined that DEF has effectively implemented the ASMs through the PSP review and the on-site inspection (IR Nos. 05000302/2017401 and 072001035/2017401) of the CR3 ISFSI. If you have any questions regarding the NRC determination, please contact me at 301 -415-7497.

Sincerely,

/RA/

L. Raynard Wharton, Senior Project Manager
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Docket No.: 72-1035

cc: Distribution via ListServ

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ADAMS Accession No.: ML17157B597

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