



Crystal River Nuclear Plant  
15760 W. Power Line Street  
Crystal River, FL 34428

Docket 50-302  
Operating License No. DPR-72

10 CFR 50.82(a)(7)

May 09, 2018  
3F0518-01

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

Subject: Crystal River Unit 3 – Notification of Schedule and Cost Change for the Post-Shutdown Decommissioning Activities Report

References: CR-3 to NRC, dated December 2, 2013, "Post-Shutdown Decommissioning Activities Report," (ADAMS Accession No. ML13340A009)

Dear Sir:

Pursuant to 10 CFR 50.82(a)(7), Duke Energy Florida, LLC, (DEF) is submitting notification that DEF is preparing to perform certain activities that constitute a schedule and cost change from those actions and schedules described in the Crystal River Unit 3 (CR-3) Post-Shutdown Decommissioning Activities Report (PSDAR) and associated Site-Specific Decommissioning Cost Estimate (DCE).

Specifically, the changes are as follows:

1. The spent fuel storage racks are to be removed from the spent fuel pools and shipped offsite for disposal. This activity was initially expected to occur during Decommissioning Period 4 as described in the PSDAR. The removal of the racks was not specifically called out in the PSDAR, but is included in the decontamination and dismantlement activities associated with the Spent Fuel Building. As such, the cost for this activity (approximately \$1.9 Million) is included into the cost of decommissioning, however the activity is moving up in schedule and the expense will occur in Period 2b.
2. Additional modifications to the plant are also being planned that were not considered in the PSDAR. These activities are to situate the plant to be able to remain in a cold and dark configuration for SAFSTOR II, while minimizing the risks associated with the existing plant systems. These activities include: a) revising the electrical distribution system to remove power from the power block and provide temporary power as needed for operation of lighting or equipment; b) revise the fire protection system to remove Fire Service water from within the power block and replace it with an external ring header and standpipes in the plant; and c) replace the plant ventilation system from the existing system to one system mounted above the Sea Water room that will draw air through the plant and exhaust it at one location. The ventilation system change will allow for the abandonment of the existing system with its many fans and dampers that require substantial power and maintenance as compared to a new system designed for

simplicity. Since these modifications were not addressed in the PSDAR, there is no impact on the schedule discussed in the PSDAR. However, these are activities that were not previously considered or reported in the PSDAR or DCE. The combined cost of these activities is expected to cost approximately \$3.1 Million.

An evaluation of the estimated impacts of performing these activities and modifications concludes that the changes would not jeopardize CR-3's ability to demonstrate financial assurance as indicated in CR-3's Financial Status Report for 2017, Attachment 2, Estimate of Costs to Complete Decommissioning and Financial Assurance Demonstration (ADAMS Accession No. ML18086A188).

There are no new regulatory commitments made within this submittal.

If you have any questions regarding this submittal, please contact Mr. Philip Rose, Licensing Engineer, at (352) 501-3172.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ronald Reising". The signature is stylized and written over a circular stamp or mark.

Ronald Reising, Senior Vice President  
Operations Support

RRR/par

xc: NRR Project Manager  
Regional Administrator, Region I