



Crystal River Nuclear Plant  
15760 W. Power Line Street  
Crystal River, FL 34428  
Docket 50-302  
Docket 72-1035  
Operating License No. DPR-72

10 CFR 72.4  
10 CFR 72.212(b)(2)

January 15, 2018  
3F0118-02

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Division of Spent Fuel Management,  
Office of Nuclear Material Safety and Safeguards,  
Washington, DC 20555-0001

Subject: Crystal River Unit 3 – 30-Day Spent Fuel Cask Registration and Certification of  
Permanent Removal of All Spent Fuel Assemblies from the Spent Fuel Pools

References:

1. CR-3 to NRC – Certification of Permanent Cessation of Power Operations and that Fuel has Been Permanently Removed from the Reactor, dated February 20, 2013 (Accession No. ML13056A005)
2. CR-3 to NRC – License Amendment Request No. 321, Revision 1, ISFSI Only Physical Security Plan, dated July 06, 2017, (ADAMS Accession No. ML16152A045)
3. NRC to CR-3 – Issuance of Amendment Approving Independent Spent Fuel Storage Installation (ISFSI)-Only Emergency Plan, And ISFSI-Only Emergency Action Level Bases Manual dated March 22, 2017. (Accession No. ML17048A474)
4. NRC to CR-3 – Issuance of Amendment 255 for the License and Permanently Defueled Technical Specifications to Reflect Permanent Removal of Spent Fuel From the Spent Fuel Pools Dated June 27, 2017 (Accession No. ML17027A160)

Dear Sir:

In accordance with 10 CFR 72.212(b)(2), Duke Energy Florida, LLC (DEF), is registering with the NRC the final storage cask used to store spent fuel at the Crystal River Unit 3 (CR-3) Independent Spent Fuel Storage Installation (ISFSI). The loading of spent fuel into storage cask was performed under the CR-3 general license. The cask registration information is provided in Enclosure 1.

DEF previously submitted a certification for permanent removal of fuel from the reactor vessel for CR-3 (Reference 1). Consequently, as specified in 10 CFR 50.82(a)(2), the 10 CFR Part 50 license for CR-3 no longer authorizes operation of the reactor or emplacement or retention of nuclear fuel into the reactor vessel. Upon implementation of license amendment number 255, the Part 50 license for CR-3 will no longer authorize storage of spent nuclear fuel in the spent fuel pool.

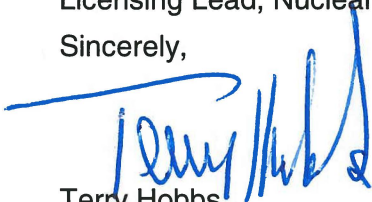
DEF hereby certifies that as of January 15, 2018, all spent nuclear fuel assemblies have been permanently transferred out of the Crystal River Unit 3 (CR-3) spent fuel pool and placed in storage within the Independent Spent Fuel Storage Installation (ISFSI).

This certification fulfills implementation requirements for license amendments 253 and 255 which revised the facility emergency plan and technical specifications for ISFSI only conditions (References 3 and 4). These amendments specify that they be implemented within a specific timeframe following DEF's submittal of written certification to the NRC that all spent nuclear fuel assemblies have been transferred out of the spent fuel pool and placed in storage within the ISFSI. Those amendments were issued to reflect the CR-3 decommissioning condition of final removal of all spent nuclear fuel from the CR-3 spent fuel pool and its transfer to dry cask storage within an ISFSI, while the License Amendment Request number 321 (Reference 2) was submitted reflecting the ISFSI only condition.

No new regulatory commitments have been made in this letter.

If you have any questions regarding this submittal, please contact Mr. Mark Van Sicklen, Licensing Lead, Nuclear Regulatory Affairs, at (352) 501-3045.

Sincerely,



Terry Hobbs  
General Manager, Decommissioning

TDH/mvs

Enclosure 1: Cask Registration Information

xc: NMSS Project Manager  
Regional Administrator, Region I

**DUKE ENERGY FLORIDA, LLC**

**DOCKET NUMBERS 50 - 302 / 72-1035  
LICENSE NUMBER DPR - 72**

**ENCLOSURE 1**

**CASK REGISTRATION INFORMATION**

### **Cask 39 Registration Information**

Licensee Name:	<b>Duke Energy Florida, LLC</b>
Licensee Address:	<b>15760 W. Power Line Street, Crystal River, FL 34428</b>
Reactor License Number:	<b>DPR-72</b>
Reactor Docket Number:	<b>50-302</b>
ISFSI Docket Number:	<b>72-1035</b>
Person Responsible for providing additional information:	<b>Mr. Terry Hobbs General Manager Decommissioning - SAFSTOR, (352) 501-3758</b>
Cask Certificate Number:	<b>1004</b>
CoC Amendment Number:	<b>14</b>
Cask Model Number:	<b>NUHOMS® -32PTH1 Type 2-W</b>
Cask Identification Number:	<b>CR3-32PTH1-L-2C-W-30</b>
Horizontal Storage Module Number:	<b>ISFSI-HSM-39</b>
Date of Initial Use:	<b>01/12/2018</b>