Duke Energy®

Crystal River Nuclear Plant
Docket No. 50-302
Operating License No. DPR-72

Ref: 10 CFR 50.82
10 CFR 50.4

February 20, 2013
3F0213-07

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

Subject: Crystal River Unit 3 – Certification of Permanent Cessation of Power Operations and that Fuel Has Been Permanently Removed from the Reactor

Dear Sir:

Crystal River Unit 3 (CR-3) has been safely shutdown since September 26, 2009, when the plant entered the Cycle 16 refueling outage to replace the steam generators. Twice during the course of the extended outage, all fuel assemblies were offloaded to the spent fuel pool. The final removal of fuel from the reactor vessel was completed on May 28, 2011. As of that date, all fuel assemblies have been removed from the reactor vessel and placed in the spent fuel pool for temporary storage.

Following a comprehensive analysis, Progress Energy Florida, a subsidiary of Duke Energy, announced on February 5, 2013, that it will retire the Crystal River Nuclear Plant in Citrus County, Florida.

Pursuant to 10 CFR 50.82(a)(1)(i) and 10 CFR 50.82(a)(1)(ii), Florida Power Corporation (FPC), the licensee, hereby certifies to the Nuclear Regulatory Commission that fuel has been permanently removed from the reactor vessel. FPC understands and acknowledges that upon docketing these certifications, the CR-3 10 CFR 50 license no longer authorizes operation of the reactor or emplacement or retention of fuel in the reactor vessel.

FPC will submit, at a later time, the Post-Shutdown Decommissioning Activities Report and the site-specific decommissioning cost estimate in accordance with 10 CFR 50.82.

If you have any questions regarding this submittal, please contact Mr. Dan Westcott, Regulatory Affairs Manager, at (352) 563-4796.

Sincerely,

Jon A. Franke
Vice President
Crystal River Nuclear Plant

JAF/sam

xc: NRR Project Manager
Regional Administrator, Region II
Senior Resident Inspector

A001
NRR

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

U. S. Nuclear Regulatory Commission
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STATE OF FLORIDA

COUNTY OF CITRUS

Jon A. Franke states that he is the Vice President, Crystal River Nuclear Plant for Florida Power Corporation, that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission the information attached hereto; and that all such statements made and matters set forth therein are true and correct to the best of his knowledge, information, and belief.

Jon A. Franke
Vice President
Crystal River Nuclear Plant

The foregoing document was acknowledged before me this 20 day of February, 2013, by Jon A. Franke.

Signature of Notary Public
State of Florida

CAROLYN E. PORTMANN
Commission # DD 937553
Expires March 1, 2014
Bonded Thru Troy Fain Insurance 800-385-7019

(Print, type, or stamp Commissioned
Name of Notary Public)

Personally Known ✓ -OR- Produced Identification _____