



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

Docket 50-302  
Operating License No. DPR-72

10 CFR 50.2

July 24, 2013  
3F0713-06

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

Subject: Crystal River Unit 3 – Response to Request for Additional Information Regarding the Certified Fuel Handler Training and Retraining Program

Reference: CR-3 to NRC letter dated April 15, 2013, "Crystal River Unit 3 – Request for Approval of the Certified Fuel Handler Training and Retraining Program" (ADAMS Accession No. ML13130A125)

Dear Sir:

In accordance with 10 CFR 50.2, Duke Energy Florida, Inc., formerly known as Florida Power Corporation, hereby submits the response to a Nuclear Regulatory Commission (NRC) request for additional information (RAI) received during a teleconference between the NRC Project Manager and Crystal River Unit 3 (CR-3) on June 27, 2013 regarding the April 15, 2013 submittal (Reference). The attachment to this letter provides the RAI response.

There are no new regulatory commitments made within this submittal.

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

Sincerely,

Terry Hobbs  
Decommissioning Director  
Crystal River Nuclear Plant

TH/sam

Attachment Response to Request for Additional Information – Certified Fuel Handler Training and Retraining Program

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

A 001  
NRR

**DUKE ENERGY FLORIDA, INC.**

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

**ATTACHMENT**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION**

**CERTIFIED FUEL HANDLER TRAINING  
AND RETRAINING PROGRAM**

## **RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION – CERTIFIED FUEL HANDLER TRAINING AND RETRAINING PROGRAM**

By letter dated April 15, 2013 (Reference 1), Duke Energy Florida, Inc., formerly known as Florida Power Corporation, requested approval of the Certified Fuel Handler (CFH) Training and Retraining Program for Crystal River Unit 3 (CR-3). On June 27, 2013, during a teleconference between the Nuclear Regulatory Commission (NRC) Project Manager and CR-3, the NRC asked the following question:

### **REQUEST FOR ADDITIONAL INFORMATION**

Is the CR-3 CFH Training and Retraining Program in conformance with Regulatory Guide 1.8, "Qualification and Training of Personnel for Nuclear Power Plants"?

#### ***Response:***

The CR-3 CFH Training and Retraining Program will conform to the requirements in Regulatory Guide 1.8, Revision 1, with clarifications. CR-3 Final Safety Analysis Report, Table 1-3, "Crystal River Unit 3 Quality Program Commitments," will be revised after the CFH Training and Retraining Program and License Amendment Request (LAR) #313 (Reference 2) are approved by the NRC. The wording in Table 1-3 will be revised to identify:

- Requirements for Senior Reactor Operator (SRO) Licenses will be replaced with CFH certification upon approval of LAR #313.
- Years of power plant experience and nuclear experience remain applicable, but the specific experience requirements of power operation above 20 percent full power, startup, and shutdown, identified by the American National Standards Institute (ANSI) in ANSI/ANS 3.1-1981, "Selection, Qualification and Training of Personnel for Nuclear Power Plants," sections 4.3.1.1.b, "Shift Supervisor Experience," and 4.3.1.2.b, "Senior Operator Experience," which refer to operating modes that will not occur, are no longer applicable based upon the permanently shut down and defueled condition of CR-3 (Reference 3).
- The Shift Supervisor and SRO training programs will no longer be accredited by the Institute of Nuclear Power Operations, once the licenses are terminated.

The CFH Training and Retraining Program will be based on a systems approach to training (SAT), in accordance with Section 50.120 of Title 10 of the Code of Federal Regulations, "Training and qualification of nuclear power plant personnel," and ANSI/ANS 3.1-1981. As a consequence, but in accordance with the SAT process, some items on the detailed list of course instruction provided in ANSI/ANS 3.1-1981, sections 5.2.1.1, "Nuclear Power Plant Fundamentals," 5.2.1.2, "Plant Systems," and 5.2.1.6, "Senior Reactor Operator Instruction," may be deleted from the program as they no longer become applicable to a decommissioning plant.

## REFERENCES

1. CR-3 to NRC letter dated April 15, 2013, "Crystal River Unit 3 – Request for Approval of the Certified Fuel Handler Training and Retraining Program" (ADAMS Accession No. ML13130A125)
2. CR-3 to NRC letter dated April 25, 2013, "Crystal River Unit 3 –License Amendment Request #313, Revision 0, Revision to Improved Technical Specifications Administrative Controls for Permanently Defueled Conditions" (ADAMS Accession No. ML13128A286)
3. NRC to FPC letter dated March 13, 2013, "Crystal River Unit 3 Nuclear Generating Plant Certification of Permanent Cessation of Operation and Permanent Removal of Fuel from the Reactor" (ADAMS Accession No. ML13058A380)