



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

Ref: 10 CFR 50.9

May 28, 2008  
3F0508-14

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

Subject: NRC Commitment Change Report – May 2008

Dear Sir:

The purpose of this letter is to provide notification of changes to regulatory commitments contained in previously docketed correspondence from Florida Power Corporation, now doing business as Progress Energy Florida, Inc. to the NRC. The attached report contains the Crystal River Unit 3 (CR-3) Nuclear Operations Commitment System (NOCS) reference numbers, source of the original commitment, statement of the original commitment, statement of the revised commitment, if revised, and justification for the change. This report is being submitted in accordance with Nuclear Energy Institute (NEI) document NEI 99-04, Revision 0, "Guidelines for Managing NRC Commitment Changes," dated July 1999.

Of the twenty-seven (27) CR-3 regulatory commitments that were modified or inactivated between November 9, 2005 and November 23, 2007, only two (2) modified or inactivated regulatory commitments meet the NEI 99-04 criteria for NRC notification.

No new regulatory commitments are made in this letter.

If you have any questions regarding this submittal, please contact Mr. Dennis W. Herrin, Acting Supervisor, Licensing and Regulatory Programs at (352) 563-4633.

Sincerely,

Jon A. Franke  
Director Site Operations  
Crystal River Nuclear Plant

JAF/dwh

Attachment

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

Progress Energy Florida, Inc.  
Crystal River Nuclear Plant  
15760 W. Powerline Street  
Crystal River, FL 34428

A001  
NRR

**PROGRESS ENERGY FLORIDA, INC.**

**CRYSTAL RIVER UNIT 3**

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

**ATTACHMENT**

**NRC Commitment Change Report – May 2008**

**Nuclear Operations Commitment System (NOCS) Number: NOCS #001012**

**Source Document:**

Crystal River Unit 3 (CR-3) to NRC letter, 3F1079-13, dated October 17, 1979.

**Original Commitment:**

FPC [Florida Power Corporation] commits to establishing and maintaining a [hydrogen] recombiners procedure.

**Revised Commitment:**

This regulatory commitment has been inactivated.

**Justification for Change:**

The change in status to inactive is in accordance with Crystal River Unit 3 (CR-3) Improved Technical Specification (ITS) License Amendment 216 which eliminates the requirements associated with establishing and maintaining hydrogen monitors. The changes support the implementation of a revision to 10 CFR 50.44, "Combustible gas control for nuclear power reactors." The notice of availability for this ITS improvement using the Consolidated Line Item Improvement Process (CLIP) was published in the Federal Register on September 25, 2003 (68 FR 55416).

This change brings the CR-3 ITSs into agreement with changes made to 10 CFR 50.44. With the elimination of the design-basis Loss of Coolant Accident (LOCA) hydrogen release, hydrogen monitors, hydrogen recombiners and purge systems are no longer required to mitigate design-basis accidents and, therefore, do not meet the definition, of a safety-related component as defined in 10 CFR 50.2.

**Nuclear Operations Commitment System (NOCS) Number: NOCS #040438**

**Source Document:**

CR-3 to NRC letter, 3F0894-06, dated August 5, 1994.

**Original Commitment:**

The Nuclear Service and Decay Heat Seawater (RW) System operates under a program of frequent regular maintenance which has reduced the incidence of flow blockage problems. RW pump discharge pressures are monitored using SP-300, Operating Daily Surveillance Log, to determine whether SW heat exchanger fouling has occurred. One of the four Nuclear Service Closed Cycle Cooling (SW) System heat exchangers is removed from service every two weeks, on a rotating basis, to be inspected and cleaned. Gross microfouling is removed from all accessible tubes and tubesheets. Plant personnel inspect for leaking tubes and degraded flow baffles. FPC may revise the frequency of these heat exchanger inspections if trending indicates that the microfouling rate is changing.

CR-3 continues to maintain a proactive chemical treatment of the closed cycle systems.

Continue to perform periodic visual inspections of accessible RW piping which have identified areas where the protective urethane coating has degraded. Continue to monitor for pipe wall loss. If necessary, piping will be replaced during a scheduled outage.

**Revised Commitment:**

This regulatory commitment has been inactivated.

**Justification for Change:**

CR-3 to NRC letter, 3F0894-06, was superseded by letter 3F1295-11 dated December 6, 1995. The commitments for 3F1295-11 are contained in Active NOCS entries 62391, 62392, 62393, 62394, 62395, 62396, 62398, 62399 and 100497.



PROGRESS ENERGY FLORIDA, INC.  
CRYSTAL RIVER ENERGY COMPLEX  
LICENSING & REGULATORY PROGRAMS (NA1B)  
15760 W. POWER LINE STREET  
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