



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 23, 2011

Mr. Jon Franke, Vice President
Crystal River Nuclear Plant (NA1B)
ATTN: Supervisor, Licensing & Regulatory
Programs
15760 W. Power Line Street
Crystal River, FL 34428-6708

SUBJECT: PLAN FOR THE AGING MANAGEMENT PROGRAM REGULATORY AUDIT OF
THE COMPRESSED AIR MONITORING AND CONCRETE CONTAINMENT
TENDON PRESTRESS PROGRAMS FOR THE CRYSTAL RIVER UNIT 3
NUCLEAR GENERATING PLANT LICENSE RENEWAL APPLICATION
REVIEW (TAC NO. ME0274)

Dear Mr. Franke:

By letter dated December 16, 2008, Florida Power Corporation, doing business as Progress Energy Florida, LLC., submitted an application for renewal of operating license DPR-72 for the Crystal River Unit 3 Nuclear Generating Plant (CR-3). The staff of the U.S. Nuclear Regulatory Commission (NRC or the staff) is reviewing this application in accordance with the guidance in NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants."

The staff plans to conduct an audit of the Compressed Air Monitoring and Concrete Containment Tendon Prestress programs at CR-3 during the week of February 28, 2011, in accordance with the enclosed regulatory audit plan. If you have any questions, please contact me by telephone at 301-415-3733 or by e-mail at robert.kuntz@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Kuntz", written over a horizontal line.

Robert F. Kuntz, Sr. Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure:
As stated

cc w/encl: Distribution via Listserv



Audit Plan

**Compressed Air Monitoring and Concrete Containment Tendon Prestress Aging
Management Program Review
for the Crystal River Unit 3
Nuclear Generating Plant
License Renewal Application**

February 28, 2011

**Division of License Renewal
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission**

ENCLOSURE

**License Renewal Compressed Air Monitoring and
Concrete Containment Tendon Prestress Programs Audit Plan
Crystal River Unit 3 Nuclear Generating Plant**

1. Background

By letter dated December 16, 2008, Florida Power Corporation, doing business as Progress Energy Florida, LLC. (Progress), submitted an application for renewal of operating license DPR-72 for the Crystal River Unit 3 Nuclear Generating Plant (CR-3). Progress requested renewal of the operating license for an additional 20 years beyond the 40-year current license term, which expires on December 3, 2016. By letter dated November 12, 2010, the applicant amended its license renewal application (LRA) to credit the existing Compressed Air Monitoring Program stating that the program will be consistent with Generic Aging Lessons Learned (GALL) Report Aging Management Program (AMP) XI.M24. By letter dated December 8, 2010, the applicant amended its LRA to credit the existing Concrete Containment Tendon Prestress Program as consistent with exceptions to GALL AMP X.S1. The staff from the Division of License Renewal will lead a regulatory audit to gain a better understanding of the documentation and bases for those AMPs for which Progress claims consistency with the GALL Report.

2. Regulatory Audit Bases

License renewal requirements are specified in Title 10 of the *Code of Federal Regulations* (CFR) Part 54 (10 CFR Part 54), "Requirements for Renewal of Operating Licenses for Nuclear Power Plants," and the guidance is provided in NUREG-1800, Rev. 1, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants" (SRP-LR), dated September 2005, and NUREG-1801, Rev. 1, "Generic Aging Lessons Learned (GALL) Report," dated September 2005.

3. Regulatory Audit Scope

The scope of this regulatory audit for CR-3 is a review of the Compressed Air Monitoring and Concrete Containment Tendon Prestress Program that the applicant has credited as being consistent with the corresponding GALL program and it is incumbent on the applicant to ensure that the plant AMP is consistent with the elements of the referenced GALL program.

4. Information and Other Material Necessary for the Regulatory Audit

The project team will review the LRA, the AMP basis documents and other applicant supporting documents as appropriate.

5. Team Assignments

Area of Review	Assigned Auditor
Compressed Air Monitoring Program	Robert Sun
Concrete Containment Tendon Prestress Program	Abdul Sheikh
Management Supervision	Rajendar Auluck

6. Logistics

The audit will be conducted at CR-3 from March 1 through March 3, 2011. Entrance and exit briefings will be held at the beginning and end of this audit, respectively.

7. Special Requests

The staff requests the applicant to make available their condition report database for independent searches by the regulatory audit team, and accessible portions of the compressed air system and tendon gallery for staff walk downs.

8. Deliverables

An audit report should be issued to the applicant within 90 days from the end of the audit.

February 23, 2011

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/RA/

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OFFICE	LA:DLR	PM:RPB2:DLR	BC:DLR:RAPB	BC: DLR:RASB	BC:DLR:RPB1	PM:DLR:RPB2
NAME	IKing	RKuntz	DPelton	RAuluck	BPham	RKuntz
DATE	02/11/11	02/11/11	02/14/11	02/14/11	02/22/11	02/23/11

OFFICIAL RECORD COPY

Letter to J. Franke from R. Kuntz dated February 23, 2011

**SUBJECT: PLAN FOR THE AGING MANAGEMENT PROGRAM REGULATORY
AUDIT OF THE COMPRESSED AIR MONITORING AND CONCRETE
CONTAINMENT TENDON PRESTRESS PROGRAMS FOR THE
CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT LICENSE
RENEWAL APPLICATION REVIEW (TAC NO. ME0274)**

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