

oberg **Kuntz, Robert**

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11/17/2009 10:17 AM Kuntz, Robert

**From:** Kuntz, Robert, *nr*  
**Sent:** Monday, October 26, 2009 2:48 PM  
**To:** Heath, Mike  
**Subject:** DRAFT Request for information.  
**Attachments:** Containment Delamination RAI1.doc

Mike,

Attached is a DRAFT request for information related to the recent operating experience at CR-3 related to the CR-3 LRA. If you would like clarification on the attached please let me know and we will schedule a teleconference.

Robert Kuntz  
Sr. Project Manager  
NRR/ADRO/DLR/RPB2  
(301) 415-3733  
[robert.kuntz@nrc.gov](mailto:robert.kuntz@nrc.gov)

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
CRYSTAL RIVER UNIT 3 NUCLEAR GENERATING PLANT, LICENSE  
RENEWAL APPLICATION (TAC NO. ME0274)

Dear Mr. Franke:

By letter dated December 16, 2008, Florida Power Corporation submitted an application pursuant to Title 10 of the *Code of Federal Regulations Part 54*, to renew the operating license Crystal River Unit 3 Nuclear Generating Plant (CR-3), for review by the U.S. Nuclear Regulatory Commission (NRC or the staff).

By letter dated October 13, 2009 Florida Power Corporation indicated that a root cause is currently in progress related to the discovery of a gap in the concrete of the outer radius of the containment structure, and that it would evaluate the need to revise any of the technical responses to the NRC request for additional information (RAI). Enclosed is an RAI related to this recent discovery and how it may affect the aging management of the structure. The response to this request may be dependent on results of the root cause analysis. Therefore, a response to this letter is requested by January 15, 2010. If you have any questions, please contact me at 301-415-3733 or by e-mail [robert.kuntz@nrc.gov](mailto:robert.kuntz@nrc.gov).

Sincerely,

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: See next page

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DATE	/ /09	/ /09	/ /09	/ /09

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REQUEST FOR ADDITIONAL INFORMATION

LICENSE RENEWAL APPLICATION FOR

CRYSTAL RIVER UNIT 3

DOCKET NO: 50-302

(TAC NO. ME0274)

**RAI B.2.25-4**

Background:

In order to perform a scheduled steam generator replacement, 10 vertical and 17 horizontal containment pre-stressing tendons were de-tensioned in preparation for hydro-demolition of a containment section.

Issue:

During hydro-demolition of the containment concrete, a crack was identified in the concrete near the horizontal tendons, approximately nine inches from the outer surface of the containment, on all four sides of the temporary opening. In addition, during hydro-demolition water leaked out of the containment concrete at several places some distance away from the edge of the temporary opening.

Request:

1. Explain how the recent plant-specific operating experience will be incorporated into the ASME Section XI, Subsection IWL and Subsection IWE AMPs, and whether a plant-specific program is necessary to manage aging of the containment. Include the containment concrete, pre-stressing tendons, and the containment liner plate in the discussion.
2. Identify and explain any changes to the license renewal application based on the recent plant specific operating experience.

ENCLOSURE