

## LevyCountyRAIsPEm Resource

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**From:** Brian Anderson  
**Sent:** Tuesday, November 25, 2008 9:52 AM  
**To:** LevyCountyRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 002 RELATED TO SRP SECTION 10.4.6 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION  
**Attachments:** LNP-RAI-LTR-002.doc  
**Importance:** High

**Hearing Identifier:** Levy\_County\_COL\_eRAIs  
**Email Number:** 3

**Mail Envelope Properties** (CB87FC66F95637428C5E0D066E756B6F93F2CDD311)

**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 002 RELATED TO SRP SECTION 10.4.6 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION  
**Sent Date:** 11/25/2008 9:52:13 AM  
**Received Date:** 11/25/2008 9:52:20 AM  
**From:** Brian Anderson

**Created By:** Brian.Anderson@nrc.gov

**Recipients:**  
"LevyCountyRAIsPEm Resource" <LevyCountyRAIsPEm.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3	11/25/2008 9:52:20 AM
LNP-RAI-LTR-002.doc	52730	

**Options**  
**Priority:** High  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

November 25, 2008

Mr. Garry Miller  
General Manager, Nuclear Plant Development  
Progress Energy Florida, Inc.  
PO Box 1551  
411 Fayetteville Street Mall  
Raleigh, NC 27602

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 002 RELATED TO  
SRP SECTION 10.04.06 FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1  
and 2 COMBINED LICENSE APPLICATION

Dear Mr. Miller:

By letter dated July 28, 2008, as supplemented by a letter dated September 12, 2008, Progress Energy Florida, Inc. submitted its application to the U. S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for two AP1000 advanced passive pressurized water reactors pursuant to 10 CFR Part 52. The NRC staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter.

To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the final safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967.

Sincerely,

**/RA/**

Brian C. Anderson, Lead Project Manager  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-029  
52-030

eRAI Tracking No. 1601

Enclosure:  
Request for Additional Information

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967.

Sincerely,

**/RA/**

Brian C. Anderson, Lead Project Manager  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-014  
52-015

eRAI Tracking No. 1601

Enclosure:  
Request for Additional Information

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NRO-002

OFFICE	RSAC/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	DTerao *	BAnderson *	JMartin*	BAnderson*
DATE	11/05/08	11/07/08	11/17/08	11/25/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information  
Levy County, Units 1 and 2  
Progress Energy Florida, Inc.  
Docket No. 52-029 and 52-030  
SRP Section: 10.04.06 - Condensate Cleanup System  
Application Section: 10.4.6**

**QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR  
Projects) (CIB1)**

10.04.06-1

The COL information item resolution in Section 10.4.7.2.1 of the LNP COL (LNP COL 10.4.2) identifies carbohydride as an oxygen scavenger agent which may be used in place of hydrazine. The staff requests that the applicant clarify whether the intent was to identify carbohydrazide as the alternative oxygen scavenger, since carbohydrazide is commonly used as an oxygen scavenger, while carbohydride is simply a synonym for hydrocarbon.