

## LevyCountyRAIsPEm Resource

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**From:** Tanya Simms  
**Sent:** Friday, December 12, 2008 12:37 PM  
**To:** LevyCountyRAIsPEm Resource  
**Subject:** Request for Additional Information Letter No. 003 Related To SRP Section 07.05 for The Levy County Nuclear Plant Units 1 and 2 Combined License Application  
**Attachments:** LEVY-RAI-LTR-003.doc

**Hearing Identifier:** Levy\_County\_COL\_eRAIs  
**Email Number:** 4

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**Subject:** Request for Additional Information Letter No. 003 Related To SRP Section 07.05  
for The Levy County Nuclear Plant Units 1 and 2 Combined License Application  
**Sent Date:** 12/12/2008 12:36:34 PM  
**Received Date:** 12/12/2008 12:36:35 PM  
**From:** Tanya Simms

**Created By:** Tanya.Simms@nrc.gov

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

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

December 12, 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. 003 RELATED TO  
SRP SECTION 07.05 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 301-415-1387 or you may contact Brian Anderson, the lead project manager for the Levy County Nuclear Plant Units 1 and 2 combined license application at 301-415-9967.

Sincerely,

**/RA/**

Tanya Simms, Project Manager  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-029  
52-030

Enclosure:  
Request for Additional Information

CC: see next page

If you have any questions or comments concerning this matter, you may contact me at 301-415-1387 or you may contact Brian Anderson, the lead project manager for the Levy County Nuclear Plant Units 1 and 2 combined license application at 301-415-9967.

Sincerely,

**/RA/**

Tanya Simms, Project Manager  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-029  
52-030

eRAI Tracking No. 1759  
Enclosure:  
Request for Additional Information

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NAME	TJackson*	TSimms*	SBrock*	BAnderson*
DATE	6/25/08	7/31/08	8/01/08	12/12/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

**Request for Additional Information No. 1759 Revision 0**  
**Levy County, Units 1 and 2**  
**Progress Energy Florida, Inc.**  
**Docket No. 52-029 and 52-030**  
**SRP Section: 07.05 - Information Systems Important to Safety**  
**Application Section: Chapter 7.5**

**QUESTION for Instrumentation, Controls and Electrical Engineering 1 (ICE1)**

07.05-1

Tables 7.5-1 and 7.5-8 of the AP1000 Design Control Document (DCD), Revision 16, Post-Accident Monitoring System, contain variables to monitor the meteorological parameters and environs radiation and radioactivity. These variables are defined as site specific. Define these variables in compliance with Regulatory Guide 1.97, Revision 3, as committed to in the combined license application, or justify an alternative approach.

Table 7.5-1 (Sheet 12 of 12) of the AP1000 DCD, Revision 16, identifies meteorological parameters as site specific. Additionally, Table 7.5-8 of the AP1000 DCD identifies "meteorology" and "boundary environs radiation and radioactivity" as site specific variables. However, the staff has not found where the combined license application addresses the parameters/variables. Explain where these variables are found.