

## LevyCountyRAIsPEm Resource

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**From:** Manny Comar  
**Sent:** Monday, December 29, 2008 4:36 PM  
**To:** LevyCountyRAIsPEm Resource  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 005 RELATED TO SRP SECTION 14.02-INITIAL PLANT TEST PROGRAM FOR THE LEVY COUNTY NUCLEAR PLANT UNITS 1 AND 2 COMBINED LICENSE APPLICATION  
**Attachments:** LEVY-RAI-LTR-05\_RAI1629.doc

**Hearing Identifier:** Levy\_County\_COL\_eRAIs  
**Email Number:** 6

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**Subject:** REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 005 RELATED TO SRP SECTION 14.02-INITIAL PLANT TEST PROGRAM FOR THE LEVY COUNTY NUCLEAR PLANT UNITS 1 AND 2 COMBINED LICENSE APPLICATION

**Sent Date:** 12/29/2008 4:36:00 PM

**Received Date:** 12/29/2008 4:36:02 PM

**From:** Manny Comar

**Created By:** Manny.Comar@nrc.gov

**Recipients:**

"LevyCountyRAIsPEm Resource" <LevyCountyRAIsPEm.Resource@nrc.gov>

Tracking Status: None

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

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MESSAGE	8	12/29/2008 4:36:02 PM
LEVY-RAI-LTR-05_RAI1629.doc		55290

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

December 29, 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. 005 RELATED TO  
SRP SECTION 14.02-INITIAL PLANT TEST PROGRAM 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 301-415-3863 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/**

Manny Comar, 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 301-415-3863 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/**

Manny Comar, Project Manager  
AP1000 Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 52-029  
52-030

eRAI Tracking No. 1629  
Enclosure:  
Request for Additional Information

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NRO-002

OFFICE	CQVB/BC	NWE1/L-PM	OGC	NWE1/L-PM
NAME	JPeralta*	MComar*	SBrock*	BAnderson*
DATE	11/18/08	11/23/08	12/1/08	12/17/08

\*Approval captured electronically in the electronic RAI system.

**OFFICIAL RECORD COPY**

Request for Additional Information No. 1629

12/29/2008

Levy County, Units 1 and 2  
Progress Energy Florida, Inc.  
Docket No. 52-029 and 52-030

SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants  
Application Section: 14.2.9

QUESTIONS for Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)

14.02-2

Section 14.2.9.4.24 describes testing for the Raw Water System. This test abstract provides verification of system performance as described in Section 9.2.11 of the Levy FSAR. However, this test abstract does not address verification of operational heat tracing on system piping. The staff requests that the applicant revise Section 14.2.9.4.24 accordingly or justify this omission since this information was considered standard for all S-COLAs.

14.02-3

Regulatory Guide 1.68, Section C.1, "Criteria for selection of Plant Features to be Tested," provides the criteria for the selection of plant features to be tested during the conduct of initial test program. Standard COL information item 14.4.5 of the Westinghouse DCD states that the COL applicant is responsible for testing that may be required of structures and systems which are outside the scope of the design certification. Levy COL application addresses COL information item 14.4.5 and provides test abstracts for the following interfacing systems: · Site specific seismic sensors · Storm Drains · Offsite AC Power System · Raw Water System · Sanitary Drainage System · Fire Brigade Support Equipment Portable Personnel Monitors and Radiation Survey Instruments · Cooling Tower(s).

The NRC staff requests that Progress Energy Florida confirm that the test abstracts included in Section 14.2 of the Levy COL application to address COL information item 14.4.5 are applicable to Levy Units 1 & 2. In addition, the NRC staff requests that Progress Energy Florida confirm that there are no additional site-specific structures, systems and/or design features that meet the criteria of regulatory Position C.1 of RG 1.68 and that require testing be addressed in Section 14.2 of Levy COL application.