

LevyCountyRAIsPEm Resource

From: Ravindra Joshi
Sent: Tuesday, February 03, 2009 1:14 PM
To: LevyCountyRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 008 RELATED TO SRP SECTION 06.04 FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1 and 2 COMBINED LICENSE APPLICATION
Attachments: LEVY-RAI-LTR-008.doc

Hearing Identifier: Levy_County_COL_eRAIs
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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 008 RELATED TO SRP SECTION 06.04 FOR THE LEVY COUNTY NUCLEAR PLANT, UNITS 1 and 2 COMBINED LICENSE APPLICATION

Sent Date: 2/3/2009 1:13:43 PM

Received Date: 2/3/2009 1:13:43 PM

From: Ravindra Joshi

Created By: Ravindra.Joshi@nrc.gov

Recipients:

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

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| LEVY-RAI-LTR-008.doc | 53242 | |

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

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February 3, 2009

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. 008 RELATED TO
SRP SECTION 06.04 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 301-415-6191 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/

Ravindra G. Joshi, 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

If you have any questions or comments concerning this matter, you may contact me at 301-415-6191 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/

Ravindra G. Joshi, Project Manager
 AP1000 Projects Branch 1
 Division of New Reactor Licensing
 Office of New Reactors

Docket Nos. 52-029
 52-030
 eRAI Tracking No. 1974

Enclosure:
 Request for Additional Information

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|--------|------------|----------|----------|------------|
| OFFICE | SPCV/BC | NWE1/PM | OGC | NWE1/L-PM |
| NAME | CJackson * | RJoshi * | JMartin* | BAnderson* |
| DATE | 1/15/09 | 1/15/09 | 1/22/09 | 1/23/09 |

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Levy County, Units 1 and 2
Progress Energy Florida, Inc.
Docket No. 52-029 and 52-030
SRP Section: 06.04 - Control Room Habitability System
Application Section: Section 6.4

QUESTION from Containment and Ventilation Branch (SPCV)

06.04-1

Provide site-specific toxic chemical habitability analysis

LNP COL 6.4-1 has not sufficiently addressed the required COL item for Section 6.4.4.2. Please provide the amount and location of possible sources of hazardous chemicals stored inside the Levy Nuclear Plant Units 1 and 2. For hazardous chemicals onsite, provide a detailed evaluation including the formation of toxic vapor and its travelling downwind toward the control room. Demonstrate compliance with Regulatory Guide 1.78 or justify any alternative to establish if mitigating actions need to be taken.

Similarly, for the hazardous chemicals identified in Table 2.2.2-202, provide an evaluation against RG 1.78 or justify any alternative to determine if mitigating actions need to be taken.