

LevyCountyRAIsPEm Resource

From: Simms, Tanya
Sent: Monday, November 30, 2009 2:20 PM
To: LevyCountyRAIsPEm Resource
Subject: Request for Additional Information Letter No. 075 Related To SRP Section 09.05.02 for The Levy County Nuclear Plant Units 1 and 2 Combined License Application
Attachments: LEVY-RAI-LTR-075.doc

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Subject: Request for Additional Information Letter No. 075 Related To SRP Section 09.05.02 for The Levy County Nuclear Plant Units 1 and 2 Combined License Application
Sent Date: 11/30/2009 2:20:07 PM
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From: Simms, Tanya

Created By: Tanya.Simms@nrc.gov

Recipients:
"LevyCountyRAIsPEm Resource" <LevyCountyRAIsPEm.Resource@nrc.gov>
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Reply Requested: Yes
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November 30, 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. 075 RELATED TO
SRP SECTION 09.05.02 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. 3947
Enclosure:
Request for Additional Information

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DATE	11/09/09	11/16/09	11/30/09

*Approval captured electronically in the electronic RAI system.

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Request for Additional Information No. 3947 Revision 0
Levy County, Units 1 and 2
Progress Energy Florida, Inc.
Docket No. 52-029 and 52-030
SRP Section: 09.05.02 - Communications Systems
Application Section: 9.5.2

QUESTIONS from Instrumentation, Controls and Electrical Engineering 1 (ICE1)

09.05.02-8

This RAI question is supplemental to RAI No. 2226, Question 09.05.02-3. The staff requests that the information in Point No. 1 of the applicant's response to RAI 09.05.02-3. be added to the next revision of the LNP Emergency Plan or FSAR.

Levy County COL Emergency Plan(EP), Section F, Table F-1 lists the PE Low-band Radio, FDLE Radio and Portable UHF Radios. The EP only provides details on the portable UHF Radios. The table also states that the FDLE Radio is a "back-up system." As such, the staff requested that the applicant provide more details on all the various types of radio systems identified in the EP. In particular, the staff requested the applicant explicitly identify what system constitutes the Crisis Radio Management System and provide details on this system. The applicant provided a sufficient level of detail that satisfied the staff's initial query. The applicant provided the following information as part of its response to RAI 09.05.02-3:

1. The Emergency Plan crisis management radio is the Florida Department of Law Enforcement (FDLE) radio. The LNP portion of this radio system is powered by the normal 120-V ac power supply with the non-Class 1E dc and uninterruptible power supply system providing power on loss of the normal power supply.

As stated above, the staff finds the response from the applicant to be adequate for the original RAI question. However the applicant did not commit to adding the above-cited bullet point detail to either the Emergency Plan or the FSAR. The staff requests that the detail in this particular bullet be added to the next revision of the Emergency Plan or the FSAR. The regulatory basis for both the original RAI question and this supplemental question is 10 CFR 73.55(f).

09.05.02-9

This RAI question is supplemental to RAI No. 2226, Question 09.05.02-5. The staff requests clarification on the response the applicant provided to RAI 09.05.02-5 concerning what the applicant has documented as the location of the NRC Headquarters.

The staff initially requested the applicant provide details on how it is compliant with RIS-2001-11. The staff found that the level detail provided by the applicant to be adequate. However, upon reviewing the applicant's response to RAI 09.05.02-5, a potential discrepancy was discovered that requires clarification. The applicant states in its response the following:

COLA Part 5, Emergency Plan, Appendix 1, the first sentence of the definition of NRC Emergency Telecommunications System (ETS) will be revised from:

"The NRC Emergency Telecommunications System hot line is a dedicated telephone system that connects the plant with NRC headquarters in Bethesda, Maryland."

To read:

"The NRC Emergency Telecommunications System is an integrated telephone system that connects the plant with NRC headquarters in Bethesda, Maryland. It utilizes Voicenet for primary communications and commercial telephone line as the backup."

The staff finds the content of the modification adequate, but the applicant states that the NRC Headquarters is located in Bethesda, MD. Currently, the headquarters of the NRC is located in Rockville, MD. The regulatory basis for the original RAI question and this supplemental question is Appendix E to 10 CFR Part 50, Part IV.E(9).

09.05.02-10

This RAI question is supplemental to RAI No. 2226, Question 09.05.02-6. The staff requests that the applicant add the information it provided in its response to RAI 09.05.02-6 to the next revision of either the FSAR or the Emergency Plan.

Levy County COL Emergency Plan, Section F, states: "The Progress Energy Voicenet System interconnects all Progress Energy plants, major substations, and main offices, and is interconnected with the area public telephone. This communication service is available throughout the Progress Energy service area. The voicenet system is wholly owned and operated by Progress Energy." As such, the staff requested the applicant provide additional detail on the PE Voicenet System and specifically, whether the PE Voicenet System is considered to be the back up communications system to the ENS. The applicant provided the following detail within their response to RAI 09.05.02-6:

1. The Progress Energy Voicenet system routes calls independently of the local telephone lines that are used for the Emergency Notification System (ENS) function but can use these lines if available to route a call. This also allows the ENS function to be routed geographically independently of the local phone connections, thereby achieving the reliability required in RIS 2000-11.
2. Progress Energy Voicenet system is not a backup to ENS, but rather it is the primary connection for the ENS and the backup is the commercial telephone lines.

The staff finds that the information provided by the applicant is adequate. However, the applicant did not commit to adding this additional information to either the FSAR or the Emergency Plan. In order to close out this RAI supplemental question, the staff requests that the applicant add this information to either the FSAR or the Emergency Plan. The regulatory basis for both the original RAI and this supplemental RAI is Appendix E to 10 CFR Part 50, Part IV.E(9).