

LevyCountyRAIsPEm Resource

From: Anderson, Brian
Sent: Thursday, January 07, 2010 11:01 AM
To: LevyCountyRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 079 RELATED TO SRP SECTION 8.2 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Attachments: LNP-RAI-LTR-079.doc
Importance: High

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Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 079 RELATED TO SRP SECTION 8.2 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Sent Date: 1/7/2010 11:01:18 AM
Received Date: 1/7/2010 11:01:19 AM
From: Anderson, Brian

Created By: Brian.Anderson@nrc.gov

Recipients:
"LevyCountyRAIsPEm Resource" <LevyCountyRAIsPEm.Resource@nrc.gov>
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Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

January 7, 2010

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. 079 RELATED TO
SRP SECTION 08.02 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. 3934
Enclosure:
Request for Additional Information

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OFFICE	EEB/BC	NWE1/PM	NWE1/L-PM
NAME	RJenkins *	TSimms*	BAnderson*
DATE	11/29/09	11/19/09	1/07/10

*Approval captured electronically in the electronic RAI system.

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**Request for Additional Information
Levy County, Units 1 and 2
Progress Energy Florida, Inc.
Docket No. 52-029 and 52-030
SRP Section: 08.02 - Offsite Power System
Application Section: 8-2**

QUESTIONS from Electrical Engineering Branch (EEB)

08.02-8

Your response to RAI 8.2-2, pertaining to review, control and approval of maintenance and modifications at the switchyard and the station is inadequate because the Plant Transmission Activities Coordinator's (PTAC) responsibilities as described do not address plant operator communication to the grid operator of risk-sensitive plant maintenance activities. In this regard provide the following additional information:

- (a) Will you coordinate Nuclear Power Plant maintenance activities that can have an impact on the transmission system with the PTAC and Transmission System Operator (TSO)?
- (b) Will you have contacts with the TSO to determine the current and anticipated grid conditions as part of the grid reliability evaluation performed before conducting grid-risk-sensitive maintenance activities?

08.02-9

In response to RAI 8.2-5, pertaining to routing of power, control, and instrument cables, it is stated that high voltage connections between the AP1000 power block and the switchyard are routed overhead. It is also stated that, "Power, control and instrumentation cables that are routed underground from the AP1000 power block to the switchyard will have moisture/water resistant jackets. Manholes for duct bank access that are below the ground water level will have sump pumps." However, this response does not meet the intent of Generic Letter 2007-01 to describe inspection, testing and monitoring programs to detect the degradation of inaccessible or underground power cables that support equipment and other systems that are within the scope of 10 CFR 50.65 (the Maintenance Rule). Indicate whether there are any plans to implement a program for inaccessible or underground power cables for testing and inspection; and indicate the frequency for such testing and inspection or provide justification for not developing such program.