PMLevyCOLPEm Resource

From: Brian Anderson
Sent: Friday, March 06, 2009 2:14 PM
To: robert.kitchen@pgnmail.com; david.waters@pgnmail.com; tillie.wilkins@pgnmail.com; PMLevyCOLPEm Resource
Cc: Brian Anderson
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 017 RELATED TO SRP SECTION 2.3.3 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Attachments: LNP RAI 017 - ML090650298.pdf

Importance: High

Attached is RAI Letter No. 017 related to SRP Section 2.3.3 for the Levy County Units 1 and 2 combined license application. The ADAMS Accession number is ML090650298.

Brian Anderson
301-415-9967
Lead Project Manager, AP1000 Projects Branch 1
Office of New Reactors
U.S. Nuclear Regulatory Commission

Hearing Identifier: Levy_County_COL_Public
Email Number: 33

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6FABAE4B876B)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 017 RELATED TO SRP SECTION 2.3.3 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Sent Date: 3/6/2009 2:13:39 PM
Received Date: 3/6/2009 2:13:41 PM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

Recipients:
"Brian Anderson" <Brian.Anderson@nrc.gov>
Tracking Status: None
"robert.kitchen@pgnmail.com" <robert.kitchen@pgnmail.com>
Tracking Status: None
"david.waters@pgnmail.com" <david.waters@pgnmail.com>
Tracking Status: None
"tillie.wilkins@pgnmail.com" <tillie.wilkins@pgnmail.com>
Tracking Status: None
"PMLevyCOLPEm Resource" <PMLevyCOLPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	326	3/6/2009 2:13:41 PM
LNP RAI 017 - ML090650298.pdf	154345	

Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

LevyCountyRAIsPEm Resource

From: Brian Anderson
Sent: Friday, March 06, 2009 11:24 AM
To: LevyCountyRAIsPEm Resource
Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 017 RELATED TO SRP SECTION 2.3.3 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Attachments: LNP-RAI-LTR-017.doc

Importance: High

Hearing Identifier: Levy_County_COL_eRAIs
Email Number: 18

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6FABAE4B867A)

Subject: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 017 RELATED TO SRP SECTION 2.3.3 FOR THE LEVY COUNTY UNITS 1 AND 2 COMBINED LICENSE APPLICATION
Sent Date: 3/6/2009 11:23:43 AM
Received Date: 3/6/2009 11:23:44 AM
From: Brian Anderson

Created By: Brian.Anderson@nrc.gov

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

Post Office: HQCLSTR01.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	3	3/6/2009 11:23:44 AM
LNP-RAI-LTR-017.doc	56826	

Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

March 6, 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. 017 RELATED TO SRP SECTION 2.3.3 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 301-415-9967.

Sincerely,

/**RA**/

Brian C. Anderson, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-029
52-030

eRAI Tracking No. 1894

Enclosure:
Request for Additional Information

If you have any questions or comments concerning this matter, you may contact me at 301-415-9967.

Sincerely,

/**RA**/

Brian C. Anderson, Lead Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 52-029
52-030

eRAI Tracking No. 1894

Enclosure:
Request for Additional Information

Distribution:

Public	SCoffin	TSimms	KQuinlan
RidsNroDnrlNwe1	JSebrosky	SGoetz	CCox
RidsNroLAKGoldstein	BHughes	SHaggerty	
RidsOgcMailCenter	MComar	JMartin	
RidsAcrsAcnw_MailCenter	CAraguas	SBrock	
RidsRgn2MailCenter	RJoshi	BAnderson	

NRO-002

OFFICE	RSAC/BC	NWE1/PM	OGC	NWE1/L-PM
NAME	CCox *	BAnderson *	JMartin*	BAnderson*
DATE	01/06/09	01/06/09	01/16/09	03/06/09

*Approval captured electronically in the electronic RAI system.

OFFICIAL RECORD COPY

Request for Additional Information
Levy County, Units 1 and 2
Progress Energy Florida, Inc.
Docket No. 52-029 and 52-030
SRP Section: 02.03.03 - Onsite Meteorological Measurements Programs
Application Section: Onsite Meteorological Measurements Programs

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.03-1

Please state in FSAR Section 2.3.3 how often the guyed wires, as part of the guyed tower, and tower anchors are inspected.

02.03.03-2

Please provide the digital sampling rate of meteorological data as part of the preoperational and operational onsite meteorological measurements program in FSAR Section 2.3.3.1.5.

02.03.03-3

Regulatory Guide 1.206, Section C.I.2.3.3 states that a COL applicant should describe both the preoperational and operational programs for meteorological measurements at the site. It further states that Regulatory Guide 1.23 contains guidance on acceptable onsite meteorological programs and any deviations from the guidance provided should be identified and justified. Currently, FSAR Section 2.3.3 doesn't differentiate from the preoperational and planned operational meteorological programs. Please describe the aspects of both programs separately as part of FSAR Section 2.3.3.

02.03.03-4

Submit an electronic copy of the complete 2-year onsite hourly meteorological database. Also submit an appendix to the FSAR containing the following derived from the second year of onsite hourly meteorological data:

(1) joint frequency distributions of wind speed, wind direction, and atmospheric stability for both the lower and upper levels

(2) atmospheric dispersion and deposition factors presented in FSAR Sections 2.3.4 and 2.3.5.

This appendix should also demonstrate how representative the first year of data is of long-term conditions at the site. If the appendix cannot show that the two years of meteorological data are compatible (e.g., there are substantial differences in atmospheric dispersion and deposition factors between the two years of data) and the first year of data is shown to be non-conservative, revise the atmospheric dispersion and deposition factors presented in FSAR Sections 2.3.4 and 2.3.5 using the second year of meteorological data.