PMLevyCOLPEm Resource

From: Brian Anderson
Sent: Friday, February 13, 2009 6:10 PM
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Cc: Brian Anderson
Subject: DRAFT - RAI 1894 - SRP section 2.3.3 - Levy County Units 1 and 2 Combined License Application
Attachments: LNP Draft RAI 1894 - 2.3.3.doc

Importance: High

Attached is a draft RAI related to SRP section 2.3.3 for the Levy County Units 1 and 2 Combined License Application. Please let me know if you would like to schedule a conference call to discuss this RAI.

Thank you,
Brian

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

Hearing Identifier: Levy_County_COL_Public
Email Number: 15

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Subject: DRAFT - RAI 1894 - SRP section 2.3.3 - Levy County Units 1 and 2 Combined License Application
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From: Brian Anderson

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Tracking Status: None
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MESSAGE	388	2/13/2009 6:10:25 PM
LNP Draft RAI 1894 - 2.3.3.doc	31738	

Options
Priority: High
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
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Request for Additional Information No. 1894
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-***

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-***

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-***

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-***

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

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the atmospheric dispersion and deposition factors presented in FSAR Sections 2.3.4 and 2.3.5 using the second year of meteorological data.

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