



Serial: NPD-NRC-2010-035  
June 8, 2010

10CFR52.79

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

**LEVY NUCLEAR POWER PLANT, UNITS 1 AND 2  
DOCKET NOS. 52-029 AND 52-030  
SUPPLEMENT 3 TO RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION LETTER  
NO. 003 RELATED TO INFORMATION SYSTEMS IMPORTANT TO SAFETY**

- References:
1. Letter from Tanya Simms (NRC) to Garry Miller (PEF), dated December 12, 2008, "Request for Additional Information Letter No. 003 Related to SRP Section 07.05 for the Levy County Nuclear Plant Units 1 and 2 Combined License Application"
  2. Letter from Garry D. Miller (PEF) to U. S. Nuclear Regulatory Commission (NRC), dated January 12, 2009, "Response to Request for Additional Information Letter No. 003 Related to Information Systems Important to Safety", Serial: NPD-NRC-2009-004
  3. Letter from Garry D. Miller (PEF) to U. S. Nuclear Regulatory Commission (NRC), dated February 2, 2009, "Supplement 1 to Response to Request for Additional Information Letter No. 003 Related to Information Systems Important to Safety", Serial: NPD-NRC-2009-016
  4. Letter from Garry D. Miller (PEF) to U. S. Nuclear Regulatory Commission (NRC), dated April 13, 2009, "Supplement 2 to Response to Request for Additional Information Letter No. 003 Related to Information Systems Important to Safety", Serial: NPD-NRC-2009-071

Ladies and Gentlemen:

Progress Energy Florida, Inc. (PEF) hereby submits a supplemental response to the Nuclear Regulatory Commission's (NRC) request for additional information provided in Reference 1.

A supplemental response to NRC question 07.05-1 is addressed in the enclosure. The enclosure also identifies a change that will be made in a future revision of the Levy Nuclear Plant Units 1 and 2 application.

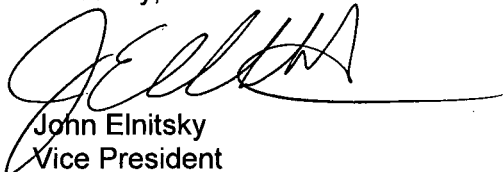
If you have any further questions, or need additional information, please contact Bob Kitchen at (919) 546-6992, or me at (727) 820-4481.

D094  
NRD

I declare under penalty of perjury that the foregoing is true and correct.

Executed on June 8, 2010.

Sincerely,

A handwritten signature in black ink, appearing to read "John Elnitsky", with a long horizontal flourish extending to the right.

John Elnitsky  
Vice President

New Generation Programs & Projects

Enclosure

cc : U.S. NRC Region II, Regional Administrator  
Mr. Brian C. Anderson, U.S. NRC Project Manager

**Levy Nuclear Power Plant Units 1 and 2  
Supplement 3 to Response to NRC Request for Additional Information Letter No. 003  
Related to SRP Section 07.05 for the Combined License Application,  
Dated December 12, 2008**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
07.05-1	L-0174 & L-0819	April 13, 2009; NPD-NRC-2009-071 & supplemental response enclosed – see following pages

**NRC Letter No.:** LNP-RAI-LTR-003

**NRC Letter Date:** December 12, 2008

**NRC Review of Final Safety Analysis Report**

**NRC RAI NUMBER:** 07.05-1

**Text of NRC RAI:**

Tables 7.5-1 and 7.5-8 of the AP1000 Design Control Document (DCD), Revision 16, Post-Accident Monitoring System, contain variables to monitor the meteorological parameters and environs radiation and radioactivity. These variables are defined as site specific. Define these variables in compliance with Regulatory Guide 1.97, Revision 3, as committed to in the combined license application, or justify an alternative approach.

Table 7.5-1 (Sheet 12 of 12) of the AP1000 DCD, Revision 16, identifies meteorological parameters as site specific. Additionally, Table 7.5-8 of the AP1000 DCD identifies "meteorology" and "boundary environs radiation and radioactivity" as site specific variables. However, the staff has not found where the combined license application addresses the parameters/variables. Explain where these variables are found.

**PGN RAI ID #:** L-0819

**PGN Response to NRC RAI:**

The response to NRC RAI 07.05-1 was provided by Progress Energy letter dated April 13, 2009 (NPD-NRC-2009-071). The purpose of this supplemental response is to provide a correction to the instrument range information in FSAR Table 7.5-201, as described below. This correction will be incorporated into a future revision of the FSAR.

**Associated LNP COL Application Revisions:**

The following change will be made to the LNP FSAR in a future revision:

Revise the Range/Status information in Table 7.5-201 for Plant and Environs Radioactivity (portable instruments) from:

" $10^{-3}$  R/hr to  $10^{-4}$  R/hr, photons  
 $10^{-3}$  rads/hr to  $10^{-4}$  rads/hr, beta radiations and low-energy photons"

To read:

" $10^{-3}$  R/hr to  $10^{-4}$  R/hr, photons;  
 $10^{-3}$  rads/hr to  $10^{-4}$  rads/hr, beta radiations and low-energy photons".

**Attachments/Enclosures:**

None.