



Serial: NPD-NRC-2009-036  
March 17, 2009

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  
SUPPLEMENTAL METEOROLOGICAL DATA IN SUPPORT OF COMBINED LICENSE  
APPLICATION – SECOND YEAR OF DATA**

Reference: NPD-NRC-2008-021, dated July 28, 2008; Supplemental Meteorological Data in Support of Combined License Application for Levy Nuclear Power Plant Units 1 and 2, NRC Project Number 756

Ladies and Gentlemen:

Progress Energy Florida, Inc. (PEF) hereby submits a second year of meteorological data for the Levy site to supplement the combined license application for the Levy Nuclear Power Plant Units 1 and 2. PEF has previously submitted the first year of meteorological data in the referenced letter.

The enclosed CD-ROM contains the following onsite meteorological data for the second year:

- One year of hourly on-site data (February 1, 2008 – January 31, 2009) in a formatted, sequential access, ASCII text data file, pursuant to the guidance in Appendix A of Regulatory Guide 1.23, "Meteorological Monitoring Programs for Nuclear Power Plants," Revision 1. [001\_LNP\_Supplemental\_Met\_Data\_Year2\_(2-1-08\_1-31-09).txt]
- The same data provided in an electronic submittal ready "pdf" format. The "pdf" file passes all electronic submittal guidelines including preflight. [002\_LNP\_Supplemental\_Met\_Data\_Year2\_(2-1-08\_1-31-09).pdf]

If you have any questions, please contact Bob Kitchen at (919) 546-6992 or me at (919) 546-6107.

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

Executed on March 17, 2009.

Sincerely,

A handwritten signature in black ink, appearing to read "Garry D. Miller".

Garry D. Miller  
General Manager  
Nuclear Plant Development

Progress Energy Carolinas, Inc.  
P.O. Box 1551  
Raleigh, NC 27602

DO94  
MRO

United States Nuclear Regulatory Commission

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Enclosure

cc : U.S. NRC Director, Office of New Reactors/NRLPO (w/o enclosure)  
U.S. NRC Office of Nuclear Reactor Regulation/NRLPO (w/o enclosure)  
U.S. NRC Region II, Regional Administrator (w/o enclosure)  
Mr. Brian C. Anderson, U.S. NRC Project Manager (with enclosure)  
Mr. Doug Bruner, U.S. NRC Environmental Project Manager (with 3 copies of enclosure)

bc : Robert Kitchen, Manager-Nuclear Plant Licensing  
Chris Kamilaris, Director – Fleet Support Services  
Tillie Wilkins, NPD-Licensing  
John O’Neill, Jr. (Pillsbury Winthrop Shaw Pittman, LLP)  
A. K. Singh (Sargent & Lundy, LLC)  
Jim Steele (CH2M HILL)  
John Archer (WorleyParsons)  
Mark Steele (Sargent & Lundy, LLC)  
NPD Document Control Inbox (Records: Correspondence)  
File: NGG-NPD (Dawn Bisson)

The following files are being provided on this enclosure CD:

<u>File Name</u>	<u>Description</u>
001_LNP_Supplemental_Met_Data_Year2_(2-1-08_1-31-09).txt	One year of hourly on-site data (February 1, 2008 – January 31, 2009) in a formatted, sequential access, ASCII text data file, pursuant to the guidance in Appendix A of Regulatory Guide 1.23, "Meteorological Monitoring Programs for Nuclear Power Plants," Revision 1.
002_LNP_Supplemental_Met_Data_Year2_(2-1-08_1-31-09).pdf	Same data as the previous file, but provided in an electronic submittal ready "pdf" format. The preflight report follows this description.

**PREFLIGHT REPORT: 002 LNP Supplemental Met Data Year2 (2-1-08 1-31-09)**

This table serves as a pre-flight report for the 002\_LNP\_Supplemental\_Met\_Data\_Year2\_(2-1-08\_1-31-09) submittal in support of the LNP COLA. The following files were checked for items related to pre-flight/electronic submittal acceptance. The results of the review are shown below. For files that do not pass pre-flight, the reason for the error is provided; however, all files within this submittal are deemed compliant with the NRC electronic submittal checklist as noted below.

Item #	File Name	Acceptance Review			Preflight Review		
		Word Searchable ? (Y/N)	Fast Web View? (Y/N)	Fonts Embedded? (Y/N)	Preflight (Pass/Fail)	Failure Reason	Comments
1	002_LNP_Supplemental_Met_Data_Year2_(2-1-08_1-31-09)	Y	Y	Y	Pass	N/A	N/A
2							