



Serial: NPD-NRC-2010-011
January 29, 2010

10CFR52.79

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

**LEVY NUCLEAR PLANT, UNITS 1 AND 2
DOCKET NOS. 52-029 AND 52-030
SUPPLEMENT 7 TO RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
REGARDING THE ENVIRONMENTAL REVIEW**

- References:
1. Letter from Douglas Bruner (NRC) to James Scarola (PEF), dated February 24, 2009, "Request for Additional Information Regarding the Environmental Review of the Combined License Application for the Levy Nuclear Power Plant, Units 1 and 2"
 2. Letter from Garry D. Miller (PEF) to the U. S. Nuclear Regulatory Commission dated March 27, 2009, "Response to Request for Additional Information Regarding the Environmental Review", Serial NPD-NRC-2009-042

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 one of the NRC questions (5.8.2-1) is addressed in the enclosure.

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

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

Executed on January 29, 2010.

Sincerely,

John Elnitsky
Vice President
Nuclear Plant Development

Enclosure/Attachment

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

**Levy Nuclear Plant Units 1 and 2
Supplement 7 to Response to Request for Additional Information Regarding the
Environmental Review, dated February 24, 2009**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
2.7-1	L-0076	March 27, 2009; NPD-NRC-2009-042
3.3-1	L-0077	March 27, 2009; NPD-NRC-2009-042
4.5-1	L-0078	March 27, 2009; NPD-NRC-2009-042
5.4.4-1	L-0079	March 27, 2009; NPD-NRC-2009-042
7.1-1	L-0401	June 12, 2009; NPD-NRC-2009-107
2.7.5-1	L-0508	July 24, 2009; NPD-NRC-2009-172
3.6.3-1	L-0082	March 27, 2009; NPD-NRC-2009-042
5.3.3-1	L-0083	March 27, 2009; NPD-NRC-2009-042
2.3.1-1	L-0398	June 12, 2009; NPD-NRC-2009-107
2.3.1-2	L-0085	March 27, 2009; NPD-NRC-2009-042
2.3.1-3	L-0399	June 12, 2009; NPD-NRC-2009-107
2.3.1-4	L-0087	March 27, 2009; NPD-NRC-2009-042
2.3.1-5	L-0088	March 27, 2009; NPD-NRC-2009-042
2.3.1-6	L-0089	March 27, 2009; NPD-NRC-2009-042
2.3.3-1	L-0090	March 27, 2009; NPD-NRC-2009-042
2.3.3-2	L-0091	March 27, 2009; NPD-NRC-2009-042
4.6-1	L-0092	March 27, 2009; NPD-NRC-2009-042
4.6-2	L-0093	March 27, 2009; NPD-NRC-2009-042
5.2.2-1	L-0396	June 12, 2009; NPD-NRC-2009-107
5.2.2-2	L-0095	March 27, 2009; NPD-NRC-2009-042
5.2.2-3	L-0522	July 29, 2009; NPD-NRC-2009-166
5.3.2.1-1	L-0097	March 27, 2009; NPD-NRC-2009-042
2.4.2-1	L-0098	March 27, 2009; NPD-NRC-2009-042
2.4.2-2	L-0099	March 27, 2009; NPD-NRC-2009-042
2.4.2-3	L-0100	March 27, 2009; NPD-NRC-2009-042
4.7-1	L-0101	March 27, 2009; NPD-NRC-2009-042
2.4.1-1	L-0402	June 12, 2009; NPD-NRC-2009-107
2.4.1-2	L-0403	June 12, 2009; NPD-NRC-2009-107
2.4.1-3	L-0533 & L-0674	September 3, 2009; NPD-NRC-2009-203 & November 23, 2009; NPD-NRC-2009-233
2.4.1-4	L-0405 & L-0538	June 12, 2009; NPD-NRC-2009-107; & August 31, 2009; NPD-NRC-2009-192
2.4.1-5	L-0106	March 27, 2009; NPD-NRC-2009-042
4.3.1-1	L-0406 & L-0675	June 12, 2009; NPD-NRC-2009-107 & November 23, 2009; NPD-NRC-2009-233
4.3.1-2	L-0407	June 12, 2009; NPD-NRC-2009-107

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
4.3.1-3	L-0535	August 31, 2009; NPD-NRC-2009-192
4.3.1-4	L-0110	March 27, 2009; NPD-NRC-2009-042
4.3.1-5	L-0408	June 12, 2009; NPD-NRC-2009-107
4.3.1-6	L-0112	March 27, 2009; NPD-NRC-2009-042
4.3.1-7	L-0409	June 12, 2009; NPD-NRC-2009-107
4.7-2	L-0114	March 27, 2009; NPD-NRC-2009-042
5.3.3.2-1	L-0410	June 12, 2009; NPD-NRC-2009-107
2.5.1-1	L-0116	March 27, 2009; NPD-NRC-2009-042
2.5.2-1	L-0412	June 12, 2009; NPD-NRC-2009-107
2.5.2-2	L-0118	March 27, 2009; NPD-NRC-2009-042
2.5.2-3	L-0119	March 27, 2009; NPD-NRC-2009-042
2.5.2-4	L-0120	March 27, 2009; NPD-NRC-2009-042
2.5.4-1	L-0413	June 12, 2009; NPD-NRC-2009-107
4.4.2-1	L-0524	July 29, 2009; NPD-NRC-2009-166
4.4.2-2	L-0123	March 27, 2009; NPD-NRC-2009-042
4.4.2-3	L-0124	March 27, 2009; NPD-NRC-2009-042
4.4.2-4	L-0125	March 27, 2009; NPD-NRC-2009-042
4.4.2-5	L-0126	March 27, 2009; NPD-NRC-2009-042
4.4.2-6	L-0127	March 27, 2009; NPD-NRC-2009-042
4.4.2-7	L-0128	March 27, 2009; NPD-NRC-2009-042
4.4.2-8	L-0129	March 27, 2009; NPD-NRC-2009-042
4.4.2-9	L-0523	July 29, 2009; NPD-NRC-2009-166
4.4.2-10	L-0131	March 27, 2009; NPD-NRC-2009-042
4.7-1	L-0132	March 27, 2009; NPD-NRC-2009-042
5.11-1	L-0133	March 27, 2009; NPD-NRC-2009-042
5.8.2-1	L-0134 & L-0690	March 27, 2009; NPD-NRC-2009-042 & supplemental response enclosed; see following pages
9.4.1-1	L-0135	March 27, 2009; NPD-NRC-2009-042
9.4.1-2	L-0136	March 27, 2009; NPD-NRC-2009-042
9.4.2-1	L-0521	July 29, 2009; NPD-NRC-2009-166
9.4.2-2	L-0138	March 27, 2009; NPD-NRC-2009-042
9.4.2-3	L-0139	March 27, 2009; NPD-NRC-2009-042
9.3-1	L-0140	March 27, 2009; NPD-NRC-2009-042
9.3.2.1-1	L-0141	March 27, 2009; NPD-NRC-2009-042
3.7-1	L-0142	March 27, 2009; NPD-NRC-2009-042
3.7-2	L-0143	March 27, 2009; NPD-NRC-2009-042
4.8.3-1	L-0144	March 27, 2009; NPD-NRC-2009-042
6.2-1	L-0145	March 27, 2009; NPD-NRC-2009-042

NRC Letter No.: ER-NRC

NRC Letter Date: February 24, 2009

NRC Review of Environmental Report

NRC RAI #: 5.8.2-1

Text of NRC RAI:

Provide an explanation for how the projected distribution of operations workers was developed.

The ER estimates that most operations workers would live in Levy, Marion and Citrus counties because of the proximity to the site. Provide an explanation as to why commute time is the primary factor for where operations workers would live. Is the projected distribution of operations workers shown in ER Section 5.8.2.4 consistent with the distribution of current workers at CREC? This information will enable NRC staff to assess operations impacts associated with population.

In the January 14, 2010 Conference Call, clarifications were requested to previously submitted RAI's: The supplemental information should provide the following:

PEF ER (2008, page 5-125) says "Refueling outages will last approximately 25 to 30 days and require approximately 800 additional workers every 18 months." The ER suggests that these outages should be staggered with CREC outages so the same workers can be used. Is this 800 workers every 18 months for a single unit or for both units?

PGN RAI ID #: L-0690

PGN Response to NRC RAI:

Refer to the response provided for U.S. Nuclear Regulatory Commission (NRC) Request for Additional Information (RAI) 5.8.2-1 (PGN RAI L-0134) submitted via Progress Energy Florida, Inc. (PEF) letter, Serial No. NPD-NRC-2009-042, dated March 27, 2009. In addition, the following information regarding the requested clarification (see above) is provided.

Scheduled refueling outages are planned for Levy Nuclear Plant Unit 1 (LNP 1) and Levy Nuclear Plant Unit 2 (LNP 2) every 18 months. It is anticipated that the outages will not occur at the same time for both units. Each LNP refueling outage would require approximately 800 additional workers. Furthermore, it is anticipated that outages for Crystal River Unit 3 will be scheduled so as to not overlap with the outages for LNP 1 and LNP 2.

Associated LNP COL Application Revisions:

No COLA revisions have been identified associated with this response.

Attachments/Enclosures:

None.