



Serial: NPD-NRC-2009-089
June 3, 2009

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
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 025 RELATED TO
OPERATING ORGANIZATION**

Reference: Letter from Brian C. Anderson (NRC) to Garry Miller (PEF), dated April 9, 2009,
"Request for Additional Information Letter No. 025 Related to SRP Section 13.1.2-
13.1.3 for the Levy County Nuclear Plant, Units 1 and 2 Combined License
Application"

Ladies and Gentlemen:

Progress Energy Florida, Inc. (PEF) hereby submits our response to the Nuclear Regulatory Commission's (NRC) request for additional information provided in the referenced letter.

A response to the NRC request is addressed in the enclosure. The enclosure also identifies changes that will be made in a future revision of the Levy Nuclear Power Plant Units 1 and 2 application.

The latest revision of Progress Energy's New Nuclear Plant Development Quality Assurance Program Description Topical Report includes recent organizational changes, and will be submitted under separate cover.

If you have any further questions, or need additional information, 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 June 3, 2009.

Sincerely,

Garry D. Miller
General Manager
Nuclear Plant Development

Enclosure

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

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**Levy Nuclear Power Plant Units 1 and 2
Response to NRC Request for Additional Information Letter No. 025 Related to
SRP Section 13.1.2-13.1.3 for the Combined License Application, dated April 9, 2009**

<u>NRC RAI #</u>	<u>Progress Energy RAI #</u>	<u>Progress Energy Response</u>
13.01.02-13.01.03-1	L-0185	Response enclosed – see following pages
13.01.02-13.01.03-2	L-0186	Response enclosed – see following pages
13.01.02-13.01.03-3	L-0187	Response enclosed – see following pages

NRC Letter No.: LEVY-RAI-LTR-025

NRC Letter Date: April 9, 2009

NRC Review of Final Safety Analysis Report

NRC RAI #: 13.01.02-13.01.03-1

Text of NRC RAI:

Standard Review Plan Section 13.1.2 – 13.1.3, "Operating Organization," section I.2.D states that the applicant should provide the delegation of authority that may be granted to operations supervisors and to shift supervisors, including the authority to issue standing or special orders. FSAR section 13.1 does not appear to include the delegation of authority that may be granted to operations supervisors and to shift supervisors, including the authority to issue standing or special orders.

Please identify the location of this information in the Levy County application, or justify its exclusion.

PGN RAI ID #: L-0185

PGN Response to NRC RAI:

Progress Energy organizational changes have impacted the following position title(s) in this response: Superintendent –Shift Operations (S-SO) has been changed to Shift Manager-Operations (SM). For consistency with the Levy COLA Revision 0, the S-SO title is used in the response below. However, Chapter 13 will be revised to reflect this title change as part of the Levy COLA annual update.

Delegation of authority to operations and shift supervisors is assigned to the Plant General Manager as indicated by the following:

Section 13.1.2.1.2 indicates that the Plant General Manager is responsible for overall safe operation of the plant and has control over those on-site activities necessary for safe operation and maintenance of the plant including Operations.

In the absence of the Plant General Manager – LNP, the on-site individual designated by the Plant General Manager shall be "in charge" for the duration of the absence. This will normally be the scheduled Duty Manager.

As described in Subsection 13.1.2.1.3.4, the Superintendent – Shift Operations is the Plant General Manager's direct representative for the conduct of operations. As such the S-SO has the responsibility and authority to direct the activities and personnel on-site to ensure the health and safety of the public. The FSAR will be revised to clarify that this includes the authority to issue standing or special orders as required.

Associated Levy COL Application Revisions:

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

Revise LNP FSAR Subsection 13.1.2.1.2 last paragraph as follows:

From:

As described in Subsection 13.1.2.1.3.4, the Superintendent – Shift Operations is the Plant General Manager’s direct representative for the conduct of operations.

To read:

As described in Subsection 13.1.2.1.3.4, the Shift Manager-Operations (SM) is the Plant General Manager’s direct representative for the conduct of operations. This delegation of authority includes the authority to issue standing or special orders as required.

Attachments / Enclosures:

None.

NRC Letter No.: LEVY-RAI-LTR-025

NRC Letter Date: April 9, 2009

NRC Review of Final Safety Analysis Report

NRC RAI #: 13.01.02-13.01.03-2

Text of NRC RAI:

Standard Review Plan Section 13.1.2 – 13.1.3, "Operating Organization," section I.2.E states that the applicant should provide the extent and nature of the participation of the plant operating and technical staff in the initial test program. FSAR section 13.1 does not appear to include the extent and nature of the participation of the plant operating and technical staff in the initial test program.

Please identify the location of this information in the Levy County application, or justify its exclusion.

PGN RAI ID #: L-0186

PGN Response to NRC RAI:

Progress Energy organizational changes have impacted the following position title(s) and reporting responsibilities in this response: the VP-Nuclear Projects and Construction title has been changed to VP-Nuclear Plant Development reporting to the President /CEO Progress Energy Florida and responsible for new plant licensing, engineering and construction. Additionally, a VP-Operational Readiness position reporting to the President /CEO Progress Energy-Florida also will be responsible for the overall operational readiness for fuel load, startup testing and plant operation. For consistency with the Levy COLA Revision 0, the VP-Nuclear Projects & Construction title is used in the response below. However Chapter 13 will be revised to reflect these changes as part of the Levy COLA annual update.

LNP FSAR Section 13.1.1.2 states that before beginning preoperational testing, the Vice President – Nuclear Projects and Construction or designated project manager for LNP, the Plant General Manager for LNP and the Vice President – Nuclear Engineering and Services establish the organization of managers, functional managers, supervisors, and staff sufficient to perform required functions for support of safe plant operation.

Section 13.1.1.1 of the LNP FSAR provides a description for how design, construction, and operation responsibilities are delineated. Table 13.1-201 shows the approximate numbers of discipline specific personnel who will support preoperational activities. The last sentence states "The management and technical support organization for design, construction, and preoperational activities is addressed in Appendix 13AA."

Appendix 13AA contains information identifying extent and nature of the participation of the plant operating and technical staff in the initial test program. Some examples of clarifying information:

13AA.1.1.1.1.8 Management and Review of Construction Activities

Overall management and responsibility for construction activities is assigned to the VP – Nuclear Projects and Construction. The Project Director of the engineering, procurement, and construction (EPC) contractor is accountable to the VP – Nuclear Projects and Construction for construction activities. See Organization Chart Figure 13AA-201. Monitoring and review of construction activities by utility personnel is a continuous process at the plant site. Monitoring and review of construction activities is divided functionally across the various disciplines of the utility construction staff (e.g., electrical, mechanical, instrument and control) and tracked by schedule based on system and major plant components/areas.

After each system is turned over to plant staff, the construction organization relinquishes responsibility for that system. At that time they will be responsible for completion of construction activities as directed by plant staff and available to provide support for preoperational and start-up testing as necessary.

13AA.1.1.1.2.2 Preoperational and Startup Testing

Preoperational and startup testing is conducted by the plant test and operations (PT&O) organization. The PT&O organization, functions, and responsibilities are addressed in Section 14.2. Sufficient numbers of personnel (both vendor and utility) are assigned to perform preoperational and startup testing to facilitate safe and efficient implementation of the testing program. To improve operational experience, operations and technical staff are used as support in conducting the test program and in reviewing test results.

Associated Levy COL Application Revisions:

No COLA revisions have been identified associated with this response.

Attachments / Enclosures:

None.

NRC Letter No.: LEVY-RAI-LTR-025

NRC Letter Date: April 9, 2009

NRC Review of Final Safety Analysis Report

NRC RAI #: 13.01.02-13.01.03-3

Text of NRC RAI:

Standard Review Plan Section 13.1.2 – 13.1.3, "Operating Organization," section I.2.H states that the applicant should provide the education, training, and experience requirements for those personnel in the management, operating, technical, and maintenance position categories in the operating organization who will do the preoperational and startup tests. FSAR section 13.1 does not appear to include the education, training, and experience requirements for those personnel in the management, operating, technical, and maintenance position categories in the operating organization who will do the preoperational and startup tests.

Please identify the location of this information in the Levy County application, or justify its exclusion.

PGN RAI ID #: L-0187

PGN Response to NRC RAI:

Progress Energy organizational changes have impacted many position title(s) in Table 13.1-201 referenced in this response. Chapter 13 will be revised to reflect these title changes as part of the Levy COLA annual update.

Levy Nuclear Plant Units 1 and 2, COL Application, FSAR Table 13.1-201 provides a Generic Position/Site-Specific Position Cross Reference relating ANS-3.1-1993 Function Positions to Site Specific Nuclear Plant Positions. Included in this table are positions in management, operating, technical, and maintenance that will participate in preoperational and startup tests.

Section 13.1.3.1 states that the qualifications of managers, supervisors, operators, and technicians of the operating organization meet the qualification requirements in education and experience for those described in ANSI/ANS-3.1-1993 (Reference 201), as endorsed and amended by Regulatory Guide 1.8, except for cold license operators as discussed in NEI 06-13A.

Associated Levy COL Application Revisions:

No COLA revisions have been identified associated with this response.

Attachments / Enclosures:

None.