

## **PMLevyCOLPEm Resource**

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**From:** Anderson, Brian  
**Sent:** Thursday, September 01, 2011 5:38 PM  
**To:** PMLevyCOLPEm Resource  
**Subject:** Conference Call Summary - July 27, 2011, and August 2, 2011 - Progress Energy Florida - Levy County Units 1 and 2 COLA - Part 10, Appendix B, ITAAC

**Importance:** High

MEMORANDUM TO: File (Docket Numbers 52-029, 52-030, Levy County Units 1 and 2 COLA)

**FROM:** Brian Anderson  
Office of New Reactors, Division of New Reactor Licensing  
Senior Project Manager, AP1000 Projects Branch 1

**SUBJECT:** Summary of Conference Calls with Applicant on July 27, 2011, and August 2, 2011

On July 27, 2011, and August 2, 2011, NRC staff participated in a telephone conference call with Progress Energy Florida, Inc. (PEF) representatives (see list below) regarding the staff's detailed review of the Levy County Units 1 and 2 COLA. The purpose of the call was to clarify the Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) submitted in Part 10, Appendix B of the Levy County Units 1 and 2 COLA. Specifically, the NRC staff requested clarification of the ITAAC related to the Roller Compacted Concrete (Part 10, Appendix B, table 3.8-3) and the Drilled Shaft Foundation (Part 10, Appendix B, table 3.8-4).

In Part 10, Appendix B, of the LNP COL application, the applicant proposes ITAAC requiring that the 35 foot thick Roller Compacted Concrete (RCC) Bridging mat is seismic Category I and is designed and constructed to bridge over the design basis karst feature when subjected to design basis loads as specified in the Design Description in FSAR 2.5.4.5.4 without loss of structural integrity and the safety related functions. In Part 10, Appendix B, of the LNP COL application, the applicant proposed ITAAC requiring that the Drilled Shaft Foundations for the Turbine, Radwaste, and Annex Buildings will preclude movement in excess of the separation provided between the structural elements of the Turbine, Radwaste, and Annex buildings and the nuclear island structures.

The conference call discussion focused on clarifications of the ITAAC wording, including reference to the appropriate FSAR sections that describe the RCC and Drilled Shaft Foundation design features. Following the conference calls, the applicant committed to revise the RCC and Drilled Shaft Foundation ITAAC in order to clarify wording and to reference FSAR sections that provide related technical details.

The NRC attendees were:

Brian Anderson  
Anthony Minarik  
Mohamed Shams  
Pravin Patel  
Vaughn Thomas  
Carl Constantino  
Tom Houston

PEF (applicant) attendees were:

Dave Waters

Mike Franklin

Chris Keenan

AK Singh

**Hearing Identifier:** Levy\_County\_COL\_Public  
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