



Serial: NPD-NRC-2009-098
May 28, 2009

10CFR52.79

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

**SHEARON HARRIS NUCLEAR POWER PLANT, UNITS 2 AND 3
DOCKET NOS. 52-022 AND 52-023
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 020 RELATED TO
STABILITY OF SUBSURFACE MATERIALS AND FOUNDATIONS – FOLLOWUP**

- References:
1. Letter from Manny Comar (NRC) to James Scarola (PEC), dated September 26, 2008, "Request for Additional Information Letter No. 020 Related to SRP Section 02.05.04 for the Harris Units 2 and 3 Combined License Application"
 2. Letter from Garry D. Miller (PEC) to U.S. Nuclear Regulatory Commission, dated November 24, 2008, "Response to Request for Additional information Letter No. 020 Related to Stability of Subsurface Materials and Foundations"; Serial NPD-NRC-2008-51
 3. Letter from Garry D. Miller (PEC) to U.S. Nuclear Regulatory Commission, dated December 3, 2008, "Response to Request for Additional information Letter No. 020 Related to Stability of Subsurface Materials and Foundations – Supplement 1"; Serial NPD-NRC-2008-082
 4. Letter from Garry D. Miller (PEC) to U.S. Nuclear Regulatory Commission, dated February 27, 2009, "Response to Request for Additional information Letter No. 020 Related to Stability of Subsurface Materials and Foundations – Supplement 2"; Serial NPD-NRC-2009-006

Ladies and Gentlemen:

Response to the Nuclear Regulatory Commission's Request for Additional Information (RAI) Letter No. 020 was completed with Reference 4. However, in response to RAI question 02.05.04-8 (PGN RAI ID #H-0390), Progress Energy Carolinas, Inc. (PEC) stated that a replacement was being requested from WEC for Figure 2.4-2 of WEC Report TR-85 (APP-GLR-GW-044) Rev 0. WEC has since confirmed that the subject figure is still applicable for AP1000 even though it no longer appears in Revision 1 of TR-85. Therefore, no replacement figure is necessary and no additional or revised response is required for this RAI.

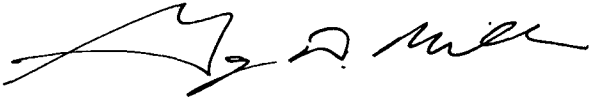
If you have any further questions, or need additional information, please contact Bob Kitchen at (919) 546-6992, or me at (919) 546-6107.

0084
NRC

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

Executed on May 28, 2009.

Sincerely,

A handwritten signature in black ink, appearing to read 'Garry D. Miller', with a stylized, cursive script.

Garry D. Miller
General Manager
Nuclear Plant Development

cc : U.S. NRC Region II, Regional Administrator
U.S. NRC Resident Inspector, SHNPP Unit 1
Mr. Brian Hughes, U.S. NRC Project Manager