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December 17, 2009

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**BELL BEND NUCLEAR POWER PLANT**  
**RAI No. 37 SCHEDULE INFORMATION**  
**BNP-2009-399          Docket No. 52-039**

- References:
- 1) M. Canova (NRC) to R. Sgarro (PPL Bell Bend, LLC), Bell Bend COLA – Request for Information No. 37 (RAI No. 37) – SEB1 -2659, 2660, 2661, e-mail dated July 27, 2009
  - 2) R. Sgarro (PPL Bell Bend, LLC) to U.S. Nuclear Regulatory Commission, “Response to RAI No. 37 and Schedule Information”, BNP-2009-244, dated August 26, 2009

The purpose of this letter is to respond to the request for additional information (RAI) identified in the NRC correspondence to PPL Bell Bend, LLC (PPL) (Reference 1). This RAI addresses Seismic System Analysis, Seismic Subsystem Analysis, and Seismic Design Parameters as discussed in Chapter 2 of the Final Safety Analysis Report (FSAR) and submitted in Part 2 of the Bell Bend Nuclear Power Plant Combined License Application (COLA).

Reference 2 provided our responses to a portion of the RAI questions and provided schedule information for the remaining questions. Reference 2 identified that a response would be provided for by December 17, 2009 for the following:

- Question 03.07.02-2
- Question 03.07.02-4
- Question 03.07.02-15
- Question 03.07.02-16
- Question 03.07.02-17
- Question 03.07.02-18 (Sub-questions 1, 2 and 3)

RAI Questions 03.07.02-2 and 03.07.02-4 are anticipated to be resolved by the planned revision of the U.S. EPR FSAR Certified Seismic Design Response Spectra (CSDRS) to bound the BBNPP seismic response. The responses to these questions will be provided by March 12, 2010.

RAI No. 37 Questions 03.07.02-15, 03.07.02-16 and 03.07.02-17 (Sub-question 1) are related to the seismic category characterization for Fire Protection System, Structures and Components. The identified seismic category is under review by UniStar Engineering for possible revision and this work has not been completed. The responses to these questions will be provided by February 10, 2010.

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RAI Questions 03.07.02-17 (Sub-question 2) and 03.07.02-18 (Sub-questions 1, 2 and 3) will take additional vendor time to provide a response. The responses to these questions will be provided by March 12, 2010.

There are no new regulatory commitments contained in this letter.

If you have any questions, please contact the undersigned at 570.802.8102.

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

Executed on December 17, 2009

Respectfully,



Rocco R. Sgarbo

RRS/kw

cc: (w/o Enclosures)

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