

**R. R. Sgarro**  
Manager-Nuclear Regulatory Affairs

**PPL Bell Bend, LLC**  
38 Bomboy Lane, Suite 2  
Berwick, PA 18603  
Tel. 570.802.8102 FAX 570.802.8119  
rrsgarro@pplweb.com



February 16, 2010

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

**BELL BEND NUCLEAR POWER PLANT**  
**RAI No. 37 SCHEDULE INFORMATION**  
**BNP-2010-037      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, email dated July 27, 2009
  - 2) BNP-2009-244, R. R. Sgarro (PPL Bell Bend, LLC) to U.S. Nuclear Regulatory Commission, "Response to RAI No. 37 and Schedule Information," dated August 26, 2009
  - 3) BNP-2009-330, R. R. Sgarro (PPL Bell Bend, LLC) to U.S. Nuclear Regulatory Commission, "Partial Response to RAI No. 37," dated October 21, 2009
  - 4) BNP-2009-399, R. R. Sgarro (PPL Bell Bend, LLC) to U.S. Nuclear Regulatory Commission, "RAI No. 37 Schedule Information," dated December 17, 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 (Reference 1). This RAI addresses Seismic System Analysis, Seismic Subsystem Analysis, and Seismic Design Parameters as discussed in Chapter 3 of the Final Safety Analysis Report (FSAR), as submitted in Part 2 of the Bell Bend Nuclear Power Plant Combined License Application (COLA).

In order to avoid and minimize impacts to wetlands at the proposed BBNPP site, PPL Bell Bend, LLC has decided to relocate the BBNPP footprint within the existing project boundary. The relocation of the plant will impact a number of seismic analyses used in the BBNPP FSAR, particularly the analyzed Ground Motion Response Spectra (GMRS). The current GMRS exceeds the U.S. EPR Certified Seismic Design Response Spectra (CSDRS) and has been appropriately reconciled within the BBNPP FSAR. The U.S. EPR design authority, AREVA, plans to revise the U.S. EPR CSDRS to envelope the BBNPP site-specific GMRS. Since the site-specific GMRS will be impacted by the plot plan relocation, additional analysis will be needed once the site geo-technical work is completed. The BBNPP site-specific seismic response will be evaluated with respect to the U.S. EPR CSDRS upon completion of the BBNPP Plot Plan relocation. Until such time when the BBNPP site-specific analyses are

D079  
NRO

completed, responses to the RAI Questions addressed in this letter cannot be provided. This letter provides an updated schedule for the responses to these RAI Questions.

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 by February 17, 2010, for the following:

- Question 03.07.01-1
- Question 03.07.01-5
- Question 03.07.01-6
- Question 03.07.01-9
- Question 03.07.02-1
- Question 03.07.02-5
- Question 03.07.02-6
- Question 03.07.02-8
- Question 03.07.02-22

Responses to the questions listed above will be provided with the submittal of the BBNPP FSAR Section 3.7 supplement associated with the BBNPP Plot Plan relocation by November 12, 2010.

Reference 3 provided a response to Question 03.07.02-3. The response to Question 03.07.02-3 will be updated with the submittal of the BBNPP FSAR Section 3.7 supplement associated with the BBNPP Plot Plan relocation by November 12, 2010.

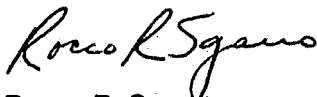
Reference 4 identified that a response for Questions 03.07.02-2, 03.07.02-4, and Question 03.07.02-17, sub-question 2, would be provided by March 12, 2010. The response to Questions 03.07.02-2, 03.07.02-4, and Question 03.07.02-17, sub-question 2 will be provided with the submittal of the BBNPP FSAR Section 3.7 supplement associated with the BBNPP Plot Plan relocation by November 12, 2010.

Should you have questions or need additional information, please contact the undersigned at 570.802.8102.

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

Executed on February 16, 2010

Respectfully,



Rocco R. Sgarro

RRS/kw

cc: (w/o Enclosures)

Mr. Samuel J. Collins  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region I  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mr. Michael Canova  
Project Manager  
U.S. Nuclear Regulatory Commission  
11545 Rockville Pike, Mail Stop T6-E55M  
Rockville, MD 20852