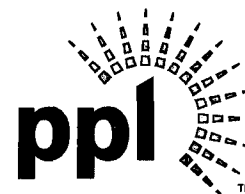


R. R. Sgarro
Manager, Nuclear Regulatory Affairs

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



May 29, 2009

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

**BELL BEND NUCLEAR POWER PLANT
SUPPLEMENTAL INFORMATION FOR
THE BELL BEND COLA – IMPINGEMENT
AND ENTRAINMENT STUDY, PART 11K
BNP-2009-080 Docket No. 52-039**

Reference: BNP-2008-002, T. L. Harpster (PPL Bell Bend, LLC) to U.S. Nuclear Regulatory Commission, "Application for Combined License for the Bell Bend Nuclear Power Plant", dated October 10, 2008

Via the referenced letter, PPL Bell Bend, LLC (PPL) submitted a Combined License Application (COLA) for the Bell Bend Nuclear Power Plant (BBNPP) to the U.S. Nuclear Regulatory Commission (NRC). The BBNPP COLA is for an AREVA U.S. Evolutionary Power Reactor (U.S. EPR) design and is designated as a Subsequent COLA (SCOLA).

The referenced application provided the impingement and entrainment data available at that time, and stated that the remaining information (through April 2009) would be provided by June 1, 2009. The impingement and entrainment studies for the BBNPP have been underway at the Susquehanna Steam Electric Station River Intake Structure (located approximately 300 feet upstream of the proposed BBNPP River Intake Structure) since April 2008 and were completed in April 2009. The final results of these studies are provided in Enclosure 1, and consistent with the referenced application have identified no endangered, threatened or species of special concern. In addition, no migratory species (American shad or American eel) were collected in the impingement or entrainment samples. The results of these studies remain consistent with previous impingement and entrainment studies performed for other electric generating stations along the Susquehanna River in the vicinity of the proposed BBNPP.

Enclosure 1 supersedes the existing BBNPP COLA Part 11K, "Interim Impingement and Entrainment Sampling for the Proposed Bell Bend Nuclear Power Plant at the SSES Circulating Water Supply System Intake Structure, Luzerne County, Pennsylvania" dated September 2008, in its entirety and will be incorporated into a future revision of the COLA.

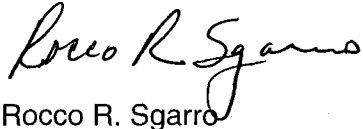
DD79
NR5

If you have any 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 May 29, 2009.

Respectfully,

A handwritten signature in black ink that reads "Rocco R. Sgarro". The signature is written in a cursive style with a large, looped 'S' at the end.

Rocco R. Sgarro

Enclosure: 1) Impingement and Entrainment Sampling for the Proposed Bell Bend Nuclear Power Plant at the SSES Circulating Water Supply System Intake Structure, Luzerne County, Pennsylvania, Final Report, May 2009

cc: Mr. Joseph Colaccino
Branch Chief
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852

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
11555 Rockville Pike
Rockville, MD 20852

Ms. Stacey Imboden
Project Manager
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852