

**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



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

**BELL BEND NUCLEAR POWER PLANT  
APRIL 2009 NRC ENVIRONMENTAL  
AUDIT RESPONSE STATUS  
BNP-2009-086                      Docket No. 52-039**

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During the week of April 27, 2009, the Nuclear Regulatory Commission (NRC) staff conducted a Site Environmental Audit associated with the Bell Bend Nuclear Power Plant Combined Operating License Application (COLA). Other State and Federal agencies also participated in the audit.

During this audit, a number of information needs were identified and requested to be formally transmitted to the NRC to facilitate continued review of the Bell Bend Nuclear Power Plant Environmental Report.

The purpose of this letter is to identify the items that will be transmitted to the NRC within 30 days of the date of this letter. Enclosure 1 provides a summary table of the information needs items from the Environmental Audit that will be transmitted.

This letter contains no new regulatory commitments and produces no changes to the Bell Bend Nuclear Power Plant COLA.

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

Respectfully,

Rocco R. Sgarro

Enclosure: 1) Summary Table of Additional Information to be Provided in Response to the April 2009 NRC Environmental Audit, Bell Bend Nuclear Power Plant, Luzerne County Pennsylvania

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NRO

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

Summary Table of Additional Information to be Provided in Response to the  
April 2009 NRC Environmental Audit,  
Bell Bend Nuclear Power Plant, Luzerne County Pennsylvania

**Summary Table of Additional Information to be Provided in Response to the April 2009  
NRC Environmental Audit**

<b>Info Needs #</b>	<b>Status</b>	<b>Item(s) for Submittal by June 29, 2009</b>
<b>General</b>		
<b>G-1</b>	Data Req'd	Preflighted Bell Bend ER figures.
<b>G-3</b>	Data Req'd	KLD Traffic Study previously submitted.
<b>G-6</b>	Data Req'd	1) length of RR extension, 2) information about railroad upgrades, and 3) information of soil & rock disposal area.
<b>Land Use</b>		
<b>LU-1</b>	Other	Three attachments (figures) indicating Marcellus Shale with potential of natural gas and oil and the location of the 10 wells in Luzerne County.
<b>LU-14</b>	RAI	Partial response: location of offsite borrow pit.
<b>LU-21</b>	Other	Resolution of apparent discrepancies related to forested and agricultural percentages of values in Table 2.2-1 and text provided in ER Section 5.1.1.
<b>Hydrology</b>		
<b>H-1</b>	Data Req'd	SESS Withdrawal and NPDES Permit.
<b>H-4</b>	Data Req'd	Susquehanna water use data.
<b>H-7</b>	Other	Circulating water design and water balance document (S&L 009498).
<b>H-16</b>	Data Req'd	Conceptual Design of Stormwater Management System, SL-009446.
<b>H-26</b>	RAI	Thermal Plume CORMIX and GEMSS input files.
<b>H-36</b>	RAI	Circulating water design and water balance document (S&L 009498).
<b>H-37</b>	RAI	Susquehanna River Thermal Plume and Dilution Modeling, Rev. 1, June 17, 2008 (AREVA).
<b>Terrestrial Ecology</b>		
<b>TE-6</b>	RAI	Partial response: Written response to Item H-14 presented during the audit.
<b>TE-12</b>	Data Req'd	Written response presented during the audit.
<b>TE-17</b>	Data Req'd	Borrow pit map (for EIS).
<b>TE-18</b>	Data Req'd	Written response presented during the audit.
<b>Aquatic Ecology</b>		
<b>AE-1</b>	RAI	ER Figure 2.1-4 from written response presented during the audit.
<b>AE-2</b>	RAI	Written response presented during the audit.
<b>AE-20</b>	RAI	Written response presented during the audit.
<b>AE-21</b>	RAI	Written response presented during the audit.
<b>AE-24</b>	RAI	Partial response: Bullets 1 & 2: written response presented during audit and response Figure 4.3-3. Bullet 3: written response presented during audit.
<b>AE-25</b>	RAI	Written response presented during the audit and Figure 3.4-3B from response.
<b>AE-31</b>	RAI	Written response presented during the audit.
<b>AE-A</b>	Data Req'd	Written response and two Ecology III reports presented during the audit (thermal plume studies and surveys).

**Summary Table of Additional Information to be Provided in Response to the April 2009 NRC  
Environmental Audit (continued)**

<b>Info Needs #</b>	<b>Status</b>	<b>Item(s) for Submittal by June 29, 2009</b>
<b>Cultural Resources</b>		
<b>CR-4</b>	Data Req'd	Copies of letters sent by UniStar to the following Native American Tribes: <ol style="list-style-type: none"> <li>1. Absentee-Shawnee Tribe of Oklahoma;</li> <li>2. Delaware Nation, Oklahoma;</li> <li>3. Eastern Shawnee Tribe of Oklahoma;</li> <li>4. Oneida Indian Nation;</li> <li>5. Oneida Nation of Wisconsin;</li> <li>6. Shawnee Tribe (of Oklahoma);</li> <li>7. St. Regis Mohawk Tribe; and</li> <li>8. Tuscarora Nation.</li> </ol>
<b>Geology</b>		
<b>G-1</b>	Other	Three figures indicating Marcellus Shale with potential of natural gas and oil and the location of the 10 wells in Luzerne County.
<b>Non-Rad Human Health</b>		
<b>NRHH-1</b>	Data Req'd	Fields, J.S. 1982. Pathogens in Condenser Cooling Systems: A Health Concern. Presented to the EEI Biologist Workshop, Tampa FL. April, 1981. Pennsylvania Power & Light Co. January 1982.
<b>Transportation</b>		
<b>T-1</b>	Resolved	TRAGIS and RADTRAN input files.