



March 5, 2010

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

**BELL BEND NUCLEAR POWER PLANT  
RESPONSE TO RIS 2010-01: REACTOR  
LICENSING APPLICATIONS AND PROCESS  
FOR DETERMINING BUDGET NEEDS FOR  
FISCAL YEAR 2012  
BNP-2010-070      Docket No. 52-039**

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- References: 1) BNP-2009-400, T. L. Harpster to U.S. NRC, "BBNPP Schedule Update," dated December 8, 2009.
- 2) BNP-2010-040, R. R. Sgarro to U.S. NRC, "Submittal of Bell Bend COLA, Revision 2," dated February 12, 2010.

This letter provides the PPL response to NRC Regulatory Issue Summary (RIS) 2010-01, "Process for Scheduling Acceptance Reviews of New Reactor Licensing Applications and Process for Determining Budget Needs for Fiscal Year 2012." The RIS requests advance communication of "potential 10 CFR Part 52 licensing actions and related activities submission dates and plans for construction activities."

PPL has provided the requested information below, and is taking this opportunity to update the staff on relevant activities occurring in the intervening period prior to FY 2012.

**Part 52 Licensing Actions**

- Design Changes

As the staff is aware, PPL has decided to change the location of the power block footprint for Bell Bend, within the existing project boundary, in order to maximize the avoidance of wetlands impacts on the Bell Bend site. This decision and our schedule for providing revised COLA information to the NRC were submitted on December 8, 2009 (Reference 1).

- COLA Revisions

PPL submitted Revision 2 of the Bell Bend COLA on February 12, 2010 (Reference 2). The revision mainly involved incorporation of changes from Revision 1 of the U.S. EPR FSAR and various responses to NRC Requests for Additional Information (RAI's).

PPL currently plans to submit Revisions 3 and 4 to the Bell Bend COLA in January 2011 and January 2012, respectively. Revision 3 is planned to incorporate changes associated with the footprint change. The associated supplements will be submitted prior to that in

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accordance with the schedule provided in Reference 1. Revision 3 will also incorporate any additional revisions to the U.S. EPR FSAR other NRC RAI responses, as will Revision 4.

- Security Related Changes

Changes to 10 CFR Part 73 require revisions to the Security Assessment and Physical Security Plan that were submitted with the original COLA. Revisions to these documents are affected by the footprint change, and will incorporate additional changes in response to recent Requests for Additional Information (RAIs) received by the RCOLA (Calvert Cliffs Unit 3). Submittal of these revisions is currently planned by July 31, 2010.

Additional changes to Part 73 require applicants to address Large Area Fires and Cyber Security. PPL currently plans to provide submittals responding to both of these issues in the fourth quarter of 2010.

PPL will continue to keep the NRC Project Manager informed of changes in the above information as the work progresses.

- Plans for Detailed Design and Construction Activities

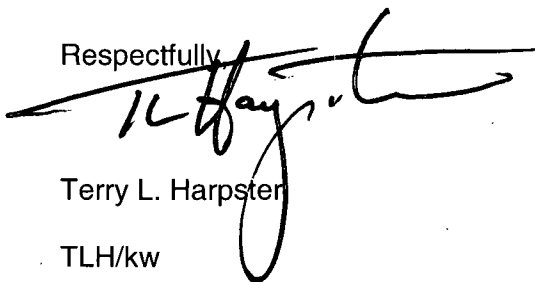
Detailed design will be ongoing throughout FY2012. Preconstruction work for the Bell Bend project will occur in FY2012 and beyond, with some work beginning in FY 2011. FY2011 and FY2012 work will include activities such as:

- Relocation of existing 230kV transmission line
- Start of 500kV switchyard work
- Start of external transmission network upgrades
- Offsite and onsite road, rail, and traffic control upgrades
- Site Preparations (e.g., tree removal, grubbing/grading, provision of power, potable water, sanitary sewer, telephone & data lines)
- Implementation of stormwater management controls
- Implementation of erosion and sedimentation controls
- Installation of site dewatering system (if required)
- Construction of batch plant
- Construction security
- Installation of monitoring wells
- Order of long lead materials (does not include actual forging or component manufacturing)
- Erection of temporary construction facilities/buildings

PPL will request a meeting in the near future with the NRC Division of Construction (NRC Region II) to discuss our plans and schedule in greater detail.

If you have questions regarding the information in this letter, please contact Rocco R. Sgarro, Manager-Nuclear Regulatory Affairs at 570.802.8102.

Respectfully,



Terry L. Harpster

TLH/kw

cc: (w/o Enclosures)

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