

## **Appendix A - Item 27**

PPL Bell Bend Nuclear Power Plant  
Salem Township, Luzerne County, PA

### ***ACOE Information Requirement:***

"Indicate the distance from the channelward end of the proposed work to the navigational fairway."

### ***Applicant Response:***

The Susquehanna River is approximately 800 feet wide in the vicinity of the proposed intake and discharge structures. There is no marked navigational channel in the Susquehanna River in the vicinity of the proposed project. The intake structure is a shoreline structure, and will not extend into the river. The discharge structure will extend approximately 325 feet into the river, measured perpendicular from the stream bank. Plan sheet CS 3116 found in Section F of this Joint Permit Application shows the proposed intake and discharge locations.

The proposed facility is not related to boating vessels, and no vessels would be accessing the facility. The Susquehanna River is not used for commercial navigation in the project vicinity. The normal flow of the Susquehanna River along the proposed section of river accommodates private recreational boats that are generally less than 24 feet in length, have shallow drafts, are both powered and nonpowered, and launch from nearby privately-owned ramps. Common recreational activities along the Susquehanna River include fishing, and boating. Swimming and in-water recreation is not common in this area of the river, and no navigation or swimming is permitted in the vicinity of SSES and BBNPP.