

Appendix A - Item 33

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

ACOE Information Requirement:

"Describe emergency procedures in the event of construction and operation accidents."

Applicant Response:

Documents to be developed in support of the BBNPP emergency planning primarily involve emergency plan implementing procedures and program administration and maintenance documents. A summary of the numerous emergency planning submittals is provided herein.

During the Construction phase of the project, the resources that will be brought to bear during an emergency, e.g. worker accident or injury, fire, vehicle accident, chemical spill or release, etc. will be covered in the site Engineering, Procurement, and Construction (EPC) Safety Plan. With respect to emergencies, the EPC Safety Plan will address at a minimum:

- Instructions for reporting emergencies
- Evacuation and exit route assignments
- Assembly areas and accountability
- Identify employees who provide emergency response or medical duties
- Communications and alarm systems
- Training
- Periodic review of the plan

Specific guidance will be provided based on the type of emergency. For example, management of spills and environmental contamination (e.g. non-human health emergencies) will be completed under applicable regulations and policies, detailed in the Preparedness, Prevention, and Contingency (PPC) Plan included as part of the National Pollutant Discharge Elimination System (NPDES) filing made by PPL Bell Bend, LLC in 2010. This PPC plan controls the response to potential discharge of pollutants carried by stormwater during construction

activities. This includes a list of agency and organization telephone numbers that must be contacted, including downstream public water supplies and industrial water users, and the use of internal and external communication and alarm systems, e.g. SRBC Early Warning System. An updated PPC plan to control the potential discharge of pollutants from the plant site will be prepared and submitted with the NPDES filing for plant operations.

The BBNPP COLA contains information regarding the documents required in support of BBNPP emergency planning just prior to and during operations. This information is contained in:

- The Bell Bend Nuclear Power Plant Emergency Plan (Part 5 of the COLA submittal).
- Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) and ITAAC Closure (Part 10 of the COLA submittal). ITAAC provides a check that emergency procedures required by regulation are being implemented.
- The BBNPP Impact to SSES Emergency Preparedness Program Evaluation (Part 5 of the COLA submittal).

Specifically, the BBNPP Emergency Plan and ITAAC contain the following information regarding the documents that must be developed or updated prior to power operations:

1. The BBNPP Emergency Plan, Appendix 2 lists the procedures required for its implementation and maintenance with the submittal of these procedures committed to in the ITAAC. The BBNPP Emergency Plan Appendix 2 table lists the implementing procedures and program administration documents.
2. PPL Bell Bend, LLC submitted Letters of Agreement from PEMA, PADEP-BRP, Columbia and Luzerne Counties in Part 5 of the COLA certifying their commitment to:

"participating in any further (future) development of the emergency response plans, including any required field demonstrations and will work with UNES and PPL to identify any needed changes to our current commitment to execute our responsibilities under the existing emergency response plans."

Commitment to obtain updates to these Letters of Agreement to specifically describe their support responsibilities for BBNPP is documented in letters submitted to NRC (BNP-2010-008, dated January 25, 2010).

3. As documented in the BBNPP Emergency Plan, Appendix 3, PPL Bell Bend, LLC submitted Letters of Agreement from the following support organizations to acquire their commitment to participate in future planning:

- Berwick Ambulance Association
- Berwick Hospital Center
- East Berwick Hose Company No. 2
- The Geisinger Medical Center
- Hobbie Volunteer Fire Company
- Hunlock Creek Volunteer Ambulance Association
- Mocanaqua Volunteer Fire Company
- Nescopeck Community Ambulance Association
- Pond Hill-Lily Lake Ambulance Association}
- PA State Police Troop P Headquarters at Wyoming
- Reliance Fire Company No. 1
- Salem Township Fire Company #1
- Shickshinny Volunteer Ambulance
- Shickshinny Volunteer Fire Company

Commitment to obtain updates to these Letters of Agreement to specifically describe their support responsibilities for BBNPP is documented in letters submitted to the NRC (See BNP-2010-008, dated January 25, 2010).