

PMBeCOL PEmails

From: Hood, Mallecia
Sent: Tuesday, June 16, 2009 8:57 AM
To: tespink@tva.gov
Cc: ANDREA STERDIS; PMBeCOL PEmails
Attachments: InfoNeedsTable_Corps Audit 050409 (2).doc

I have attached the Corps Information Needs for the site visit schedule for the week of July 6, 2009.

If you have any questions, please don't hesitate to call me.

Thanks
Mallecia Hood
NRO/DSER/RAP1
301-415-0673

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From: Hood, Mallecia

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Recipients:
"ANDREA STERDIS" <alsterdis@tva.gov>
Tracking Status: None
"PMBeICOL PEmails" <PMBeICOL.PEmails@nrc.gov>
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Information Needs – June 2009
Bellefonte Units 3 and 4 Corps of Engineers Site Visit

Info needs #	Information Needs	Responsibility/ Submitted By
COE-1	Provide an SME that can discuss the purpose and need for the BLN 3 and 4 project. The discussion should include a definition of the regional area where additional base-load electrical generation capacity is needed and identify the amount (megawatts) of baseload power needed.	
COE-2	<p>Provide an SME to discuss the wetland investigations that have been performed at the site and be prepared to discuss topics such as:</p> <ul style="list-style-type: none"> ▪ Has the entire site been surveyed, ▪ wetlands found on the site both in the proposed construction foot print and in areas outside the footprint, ▪ how the recommendations of the May 2006 report (Request #10389 – Bellefonte NP – Wetlands Site Visit: Wetland Input) were investigated and considered in the on site alternatives analysis for construction of Bellefonte Units 3 and 4 for avoidance and minimization of environmental impacts, ▪ the process TVA has used to demonstrate that the locations selected for BLN units 3 and 4 are the least environmentally damaging practicable alternative (LEDPA), and that other site configurations would result in greater damage ▪ why the proposed units cannot be situated outside wetlands. <p>Provide maps of the survey areas to support the discussion.</p>	
COE-3	<p>Provide an SME and supporting data and information to discuss plans for dredging or other activities to clean out barge slip and intake canal including alternative dredge methods, planned configurations and depths and frequency. Discussion should include:</p> <ul style="list-style-type: none"> ▪ Discharge of dredged or fill material into wetlands or waterways, ▪ dredging performed during construction of Units 1 and 2 including mussels and aquatic organisms observed, ▪ alternative dredge material disposal sites, recycle options, and treatment/reuse alternatives, ▪ methods to minimize dredging and construction related turbidity 	

Information Needs – June 2009
Bellefonte Units 3 and 4 Corps of Engineers Site Visit

Info needs #	Information Needs	Responsibility/ Submitted By
COE-4	Provide an SME and supporting data and information to describe any dredging that will need to be done to maintain a channel between the barge slip and the main navigation channel in Guntersville Reservoir.	
COE-5	<p>Provide an SME and supporting data and information/references to discuss the techniques to be used by TVA to avoid and minimize impacts to waters of the U.S. at the Bellefonte Site due to the pre- construction, construction and operation of Bellefonte Units 3 and 4. The description should include but not be limited to:</p> <ul style="list-style-type: none"> ▪ A description of the criteria used to identify, evaluate, and screen on-site project alternatives regarding structure placement, temporary work areas, haul roads, etc., ▪ considerations to reduce project footprint, ▪ considerations to reuse/upgrade existing infrastructure, ▪ temporary work areas and staging areas including restoration activities planned, ▪ construction access and permanent access roads, ▪ site grading and permanent structures, parking areas, etc., ▪ methods to minimize adverse effects to water quality, ▪ methods to minimize adverse effects to natural and cultural resources, ▪ methods to minimize shore erosion from discharge line extending into Guntersville Reservoir 	
COE-6	<p>Provide an SME and supporting data and information/references to discuss impacts of the pre-construction, construction and operation of the proposed plant on flooding of the Tennessee River downstream of the BLN site and impact of flooding of the Tennessee River on buildings and structures at Bellefonte. The description should include but not be limited to:</p> <ul style="list-style-type: none"> ▪ Portions of the project that will be located in the floodplain, ▪ Fill material to be placed in the flood plain resulting in a loss of water storage during a flood event, ▪ Impact of changes in runoff due to construction and operation at BLN on down stream potential for flooding including a review of the site grading and storm water management plan. 	

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Info needs #	Information Needs	Responsibility/ Submitted By
COE-7	Provide an SME and supporting data and information/references to discuss the compensatory mitigation plans for the impacts of pre-construction, construction and operation of Bellefonte Units 3 and 4 to waters of the United States, including wetlands.	
G-1	Provide large wall map(s) at the site visit that show key features related to the proposed project, including: <ul style="list-style-type: none"> • Proposed temporary and permanent facilities • Proposed construction laydown areas • Proposed intake pipeline • Proposed collector wells • Proposed discharge pipeline • Proposed transmission corridor(s) • Property boundaries • Points of interest • Proposed rail line spur • Proposed haul roads. 	