

PMBelCOL PEmails

From: Bryce, Robert W [rw.bryce@pnl.gov]
Sent: Monday, November 26, 2007 6:28 PM
To: Mallecia Hood; Robert Schaaf
Cc: 'Beverly M Miller'; 'Eva E Hickey'
Subject: Bellefonte Environmental Review under BOA 53751 - Acceptance Review Status

JCN Q-4007
Task Order 3
TVA - Bellefonte Environmental Review under BOA 53751 -

Environmental Report, Acceptance Review Status as of November 26, 2007

On November 9, 2007, PNNL staff began the acceptance review of the environmental report submitted as part of the Tennessee Valley Authority application to construct and operate Units 3 and 4 at the Bellefonte Nuclear Power Plant facility near Scottsboro, Alabama. This memo is intended to provide the NRC with preliminary findings of PNNL's review to-date. A report that details the final conclusions of the review will be submitted to the NRC no later than December 11, 2007. As of November 26, 2007, staff has made the following observations regarding the environmental report:

- The environmental report (ER) appears to include all of the information required by the applicable regulations.
- The ER includes limited information on the cumulative impacts associated with this project and other activities in the region.
- Inconsistencies exist within some sections and between sections of the document and the summary information included in Chapter 10.
- Information supporting the need for power is less than was expected.
- The ER lacks a full and detailed analysis of transportation impacts.
- There are issues related to the description of ecological monitoring.
- There are issues related to the alternative site evaluation process.
- The application references revision 16 of the Design Control Document (DCD) for the AP1000 reactor. Staff is concerned about the timing of the approval of this design revision.

Not all PNNL staff have progressed to the same point within the sufficiency review phase of the process, therefore, the information provided above is only intended as a very preliminary status of staff's findings.

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From: Bryce, Robert W
Created By: rw.bryce@pnl.gov

Recipients:
"Beverly M Miller" <Beverly.Miller@pnl.gov>
Tracking Status: None
"Eva E Hickey" <eva.hickey@pnl.gov>
Tracking Status: None
"Mallecia Hood" <Mallecia.Hood@nrc.gov>
Tracking Status: None
"Robert Schaaf" <Robert.Schaaf@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

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