PMBelCOL PEmails

From: Joseph Sebrosky
Sent: Friday, December 12, 2008 11:04 AM
To: PMBelCOL PEmails
Cc: Christopher Cook
Subject: Summary of April 3, 2008, discussion with TVA regarding hydrology review for the Bellefonte Combined License Application

MEMORANDUM TO: File (Docket No. 52-014 and 52-015, Bellefonte Units 3 and 4 COL Applications

FROM: Joseph Sebrosky, Senior Project Manager
AP1000 Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: Summary of April 3, 2008, discussion with TVA regarding hydrology review for the Bellefonte Combined License Application

On April 3, 2008, there was a discussion with TVA staff regarding the hydrology review for the Bellefonte Combined License application. The discussion was held during the environmental site audit associated with the Bellefonte application. The NRC staff and TVA personnel that participated in the discussion are provided below.

TVA requested the discussion to get feedback on possible alternate paths that it was considering to address the staff's concerns with the hydrology review. TVA indicated during the meeting that it was exploring the possibility of raising the Bellefonte 3 and 4 site. This would give additional margin for probable maximum flood calculations. TVA questioned the staff on what type of bounding calculations the staff had performed in other reviews. The staff discussed the types of confirmatory calculations it did to support the review of the Vogtle, Clinton, and North Anna early site permit reviews. The staff also discussed how it came to a reasonalble assurance finding for the flooding analysis associated with the Grand Gulf early site permit reviews.

TVA indicated at the end of the meeting that it would consider developing bounding calculations to explore whether or not elevating the Bellefonte site was feasible. TVA also indicated that it would inform the staff as soon as possible if it decided to take this approach.

Christopher Cook NRO/DSER/RHEB
Lance Vail PNNL (NRC contractor)
Charles Kincaid PNNL (NRC contractor)
Joe Sebrosky NRO/DNRL/NWE1
Ann Hodgdon NRC/OGC
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Richard Grumbir NuStart
Fred Redwanz Enercon
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