

April 29, 2009

APPLICANT: Tennessee Valley Authority

PROJECT: Bellefonte Combined License

SUBJECT: SUMMARY OF MARCH 30, 2009, PUBLIC MEETING TO DISCUSS
HYDROLOGY REVIEW ASSOCIATED WITH THE BELLEFONTE
COMBINED LICENSE APPLICATION

The U.S. Nuclear Regulatory Commission (NRC) held a public meeting on March 30, 2009, with the Tennessee Valley Authority (TVA). The purpose of the meeting was to discuss the status of the hydrology review for the Bellefonte combined license application (COLA). A list of those in attendance is enclosed.

The material TVA presented at the meeting is available in the Agencywide Document Access and Management System (ADAMS), which provides text and image files of the NRC's public documents. TVA's presentation material may be accessed through ADAM Accession Number ML091180052. Persons who do not have access to ADAMS or who encounter problems in accessing the meeting materials located in ADAMS should contact the NRC Public Document Room (PDR) Reference staff by telephone at 1-800-397-4209, 301-415-4737; or by email to pdrr@nrc.gov.

Highlights from the Meeting

The purpose of the meeting was to discuss the status of TVA's hydrology review. In a letter (ADAMS accession number ML082810431) dated October 29, 2008, the staff informed TVA that it was placing a hold on the Bellefonte hydrology review. This letter noted that TVA committed to update the NRC with progress against its revised hydrology milestone plans on a regular basis. The March 30, 2009, meeting served as one of these updates. During the meeting TVA discussed its reanalysis efforts including the project organization, project schedule, software verification and validation and corrective action program. TVA indicated that its reanalysis efforts would be complete by mid December 2009 and that it had confidence that this schedule would be met.

The following are the action items that resulted from the meeting:

- 1) During the discussion of the project organization TVA noted that it had convened an expert panel and that this panel was in the process of producing a summary report on TVA's reanalysis efforts. TVA took an action to determine whether this expert panel summary report would be submitted on the Bellefonte 3 and 4 docket.

- 2) The staff noted that although TVA had submitted responses to the hydrology requests for additional information (RAIs) that it had asked, these responses did not reflect the reanalysis efforts. TVA took an action to provide a list of RAIs that TVA intends to supplement with new information based on TVA's reanalysis efforts.
- 3) TVA committed to providing the staff with updates regarding its reanalysis efforts every six weeks. There was a general discussion that the next communication would most likely be in the form of a letter in the mid-May time frame and a public meeting in the June or July time frame.
- 4) In the above mentioned letter dated October 29, 2008, the staff indicated that it would continue its development of simplified/bounding calculations and confirmatory numerical tools necessary to complete NRC's independent evaluation of the probable maximum flood and dam breach analyses when the hydrology review restarts. To this end, the staff had issued RAI 2.4.2-9 requesting bathymetric and near-shore topographic data for Guntersville, Nickajack, Chickamauga, Watts Bar, and Ft. Loudoun-Tellico reservoirs. The staff took an action to see if TVA's proposed June response time to provide the information requested in this RAI met the staff's needs. In addition, the staff took an action to determine if additional information beyond this RAI would be needed in the near term for the staff to develop its confirmatory numerical tools.

/RAI/

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

Docket Nos.: 52-014, 52-015

Enclosure:
Attendance List

cc w/encl: See next page

- 2) The staff noted that although TVA had submitted responses to the hydrology requests for additional information (RAIs) that it had asked, these responses did not reflect the reanalysis efforts. TVA took an action to provide a list of RAIs that TVA intends to supplement with new information based on TVA's reanalysis efforts.
- 3) TVA committed to providing the staff with updates regarding its reanalysis efforts every six weeks. There was a general discussion that the next communication would most likely be in the form of a letter in the mid-May time frame and a public meeting in the June or July time frame.
- 4) In the above mentioned letter dated October 29, 2008, the staff indicated that it would continue its development of simplified/bounding calculations and confirmatory numerical tools necessary to complete NRC's independent evaluation of the probable maximum flood and dam breach analyses when the hydrology review restarts. To this end, the staff had issued RAI 2.4.2-9 requesting bathymetric and near-shore topographic data for Gunterville, Nickajack, Chickamauga, Watts Bar, and Ft. Loudoun-Tellico reservoirs. The staff took an action to see if TVA's proposed June response time to provide the information requested in this RAI met the staff's needs. In addition, the staff took an action to determine if additional information beyond this RAI would be needed in the near term for the staff to develop its confirmatory numerical tools.

/RA/

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

Docket Nos.: 52-014, 52-015

Enclosure:
 Attendance List
 cc w/encl: See next page

Distribution:

PUBLIC
 AHodgdon, OGC
 RidsNroDnrlNwe1
 JMartin, OGC
 RidsNroDnrlNwe2
 RidsNroOd
 RidsAcrcAcnwMailCenter
 RidsRgn2MailCenter
 RidsNroDser
 RidsNroDnrl

RidsNrrOd
 RidsOgcMailCenter
 RidsNroLAKGoldstein
 MCox, Rgn 2
 KKavanagh
 JPeralta
 MConcepcion
 KSee r
 CCook
 RRaione
 SBurnell, OPA

ADAMS ACCESSION NO: ML091120449

NRC-001, NRO-002

OFFICE	PM:NRO:DNRL:NWE1	LA:NRO:DNRL:NWE1
NAME	JSebrosky (kxp1)	KGoldstein
DATE	04/28/09	04/29/09

OFFICIAL RECORD COPY

Public Meeting Between TVA and NRC
Regarding the Hydrology Review for the Bellefonte
Combined License Application
March 30, 2009
Attendance List

NAME	ORGANIZATION
Nilesh Chokshi	NRO/DSER
MJ Ross-Lee	NRO/DSER
Richard Raione	NRO/DSER/RHEB
Ken See	NRO/DSER/RHEB
Milton Concepcion	NRO/DCIP/CQVP
Mallecia Hood	NRO/DSER
Joe Sebrosky	NRO/DNRL/NWE1
Ann Hodgdon	NRC/OGC
Tom Boyce	NRR/DORL
Eva Brown	NRR/DORL
V Sreenivas	NRR/DORL
Raman Pichumani	NRR/DE/EMCB
Mike Lee	ACRS Staff
Andrea Sterdis	TVA
Perry Maddux	TVA
Gary Curtis	TVA
Tom Ryan	TVA
Mike Purcell	TVA
Penny Selman	TVA
Participated Via Teleconference	
Stephanie Coffin	NRC/DNRL/NWE1
Stephen Breithaupt	PNNL (NRC Contractor)
Richard Grumbir	NuStart

Enclosure

COL - Bellefonte Mailing List

(Revised 03/25/2009)

cc:

Ms. Michele Boyd
Legislative Director
Energy Program
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Ronald Kinney
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

COL - Bellefonte Mailing List

Email

alsterdis@tva.gov (Andrea Sterdis)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
BrinkmCB@westinghouse.com (Charles Brinkman)
cberger@energetics.com (Carl Berger)
chris.maslak@ge.com (Chris Maslak)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.lewis@pillsburylaw.com (David Lewis)
eddie.grant@excelservices.com (Eddie Grant)
ejvigluicci@tva.gov (Edward Vigluicci)
garry.miller@pgnmail.com (Garry D. Miller)
GovePA@BV.com (Patrick Gove)
greshaja@westinghouse.com (James Gresham)
gwcurtis2@tva.gov (G. W. Curtis)
gzinke@entergy.com (George Alan Zinke)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
JJNesrsta@cpsenergy.com (James J. Nesrsta)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
lgorenflo@gmail.com (L. Gorenflo)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
mark.beaumont@wsms.com (Mark Beaumont)
Martha.Shields@nuclear.energy.gov (Martha Shields)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
media@nei.org (Scott Peterson)
mgiles@entergy.com (M. Giles)
mike_moran@fpl.com (Mike Moran)
MSF@nei.org (Marvin Fertel)
nirsnet@nirs.org (Michael Mariotte)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
prray@tva.gov (Phil Ray)
pshastings@duke-energy.com (Peter Hastings)
rclary@scana.com (Ronald Clary)
rgrumbir@gmail.com (Richard Grumbir)
RJB@NEI.org (Russell Bell)

COL - Bellefonte Mailing List

RKTemple@cpsenergy.com (R.K. Temple)
sabinski@suddenlink.net (Steve A. Bennett)
sandra.sloan@areva.com (Sandra Sloan)
SauerB@BV.com (Robert C. Sauer)
savance@tva.gov (Scott A. Vance)
sfrantz@morganlewis.com (Stephen P. Frantz)
stephan.moen@ge.com (Stephan Moen)
tdurkin@energetics.com (Tim Durkin)
tom.miller@hq.doe.gov (Tom Miller)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
VictorB@bv.com (Bill Victor)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)