



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

May 2, 2016

**LICENSEE:** Tennessee Valley Authority

**FACILITY:** Sequoyah Nuclear Plant, Units 1 and 2

**SUBJECT:** SUMMARY OF APRIL 4, 2016, PUBLIC MEETING WITH TVA REGARDING HYDROLOGY-RELATED LICENSING ACTIONS, SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 (CAC NOS. ME9238 AND ME9239)

On April 4, 2016, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Tennessee Valley Authority (TVA). The purpose of this meeting was to discuss the ongoing resolution of the flood model issue related to a licensing amendment request (LAR) under review. TVA summarized the HEC-RAS hydrology model issue path forward for resolution and scheduling by using a set of presentation slides (see NRC Agencywide Documents Access and Management System (ADAMS) Accession Number ML16102A330). The meeting notice and agenda, dated March 17, 2016, are available in ADAMS at Accession number ML16083A283. A list of attendees is enclosed.

Key points of the discussion are summarized below.

- Cause of modeling issue is understood by TVA.
- Significant impacts of modeling issue are limited to Cherokee and Douglas reservoirs.
- Resolution involves refined geometry inputs for Cherokee and Douglas reservoirs; adjusted augmented ineffective flow areas for the remainder of the river system; and updated precipitation data.
- Resolution project supports use of HEC-RAS for all hydrologic analysis (e.g., seismic dam failures, loss of downstream dam, etc.).
- Detailed schedule is still being developed, but current project milestones reflect submittal of Mitigating Strategies Assessments by end of calendar year 2016 (based on March 2015 docketed Flood Hazard Reanalysis Reports); submittal of Integrated Assessments (IAs, Focused Evaluations) in the last half of 2017; and LARs for Sequoyah and Watts Bar in early 2018.

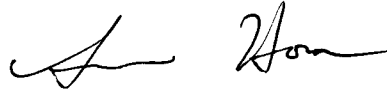
For action items:

- TVA to submit letter to NRC providing milestone dates (Mitigation Strategy Assessments, IAs, LARs).
- TVA and NRC to have additional discussion regarding use of Japan Lessons Learned Division's Interim Staff Guidance methodologies for seismic dam failures.

- TVA and NRC to have additional discussion on use of audit and public meeting processes to facilitate review of project documents in the near-term.

No regulatory decisions were made at the meeting. No Public Meeting Feedback forms were received.

Please direct any inquiries to me at 301-415-8480 or [Andrew.Hon@nrc.gov](mailto:Andrew.Hon@nrc.gov).

A handwritten signature in black ink, appearing to read 'A. Hon', is positioned above the typed name and title.

Andrew Hon, Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325 and 50-324

Enclosure:  
List of Attendees

cc w/enclosure: Distribution via Listserv

**LIST OF ATTENDEES**

**APRIL 4, 2016, PUBLIC MEETING WITH TENNESSEE VALLEY AUTHORITY (TVA)**

**REGARDING HYDROLOGY-RELATED LICENSING ACTIONS**

**SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2**

**(CAC NOS. ME9238 AND ME9239)**

**TVA and Contractor**

Russell Thompson  
Brenda Simril  
Karen Carboni  
Penny Salman  
Beth Wetzel  
Tevor Cropp  
Dennis Lundy  
Thomas Spink  
Stuart Henry  
\* Tom Hess  
\* Don Lewis  
\* Jimmy Harvey  
\* Michael Hayes  
\* Imani Lockhart  
\* Kyle Bianco

**U.S. Nuclear Regulatory Commission**

Andy Hon  
Robert Schaaf  
Mohamed Shams  
Ben Beasley  
Yong Li  
Dan Hoang  
Yuan Cheng  
Christopher Cook  
Juan Uribe

\* By phone

- TVA and NRC to have additional discussion on use of audit and public meeting processes to facilitate review of project documents in the near-term.

No regulatory decisions were made at the meeting. No Public Meeting Feedback forms were received.

Please direct any inquiries to me at 301-415-8480 or [Andrew.Hon@nrc.gov](mailto:Andrew.Hon@nrc.gov).

**/RA/**

Andrew Hon, Project Manager  
Plant Licensing Branch II-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

Enclosure:  
List of Attendees

cc w/enclosure: Distribution via Listserv

**DISTRIBUTION:**

PUBLIC  
LPL2-2 r/f  
RidsACRS\_MailCTR  
RidsNrrDorLpl2-2  
RSchaaf, NRR  
DHoang, NRR

NrrPMSequoyah  
RidsNrrLABClayton  
RidsRgn2MailCenter  
JBowen, OEDO  
JUribe, NRR  
MShams, NRR  
YLi, NRR

TWertz, NRR

YCheng, NRO  
CCook, NRO

**ADAMS Accession Nos.: Summary ML16117A551**

**Notice ML16083A283**

OFFICE	NRR/DORL/LPL2-2/PM	NRR/DORL/LPL2-2/LA	NRR/DORL/LPL2-2/BC	NRR/DORL/LPL2-2/PM
NAME	AHon	BClayton	BBeasley	AHon
DATE	4/28/16	4/28/16	5/2/16	5/2/16

**OFFICIAL RECORD COPY**