



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

June 6, 2012

LICENSEE: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Plant, Unit 1
Sequoyah Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF MAY 31, 2012, SENIOR MANAGEMENT MEETING WITH
TENNESSEE VALLEY AUTHORITY ON THE LICENSING BASIS FOR
FLOODING/HYDROLOGY

On May 31, 2012, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the Tennessee Valley Authority (TVA) at NRC Headquarters, Two White Flint North, 11545 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss (1) the current licensing basis for flooding at Watts Bar Nuclear Plant, Unit 1 (WBN) and Sequoyah Nuclear Plant, Units 1 and 2 (SQN), (2) the status of TVA's current licensing basis reanalysis, (3) flood protection and flood mode operation at WBN and SQN, (4) modular flood barriers (sand baskets) at TVA dams, and (5) TVA's flooding reevaluation plan regarding the NRC's Fukushima 50.54(f) letter dated March 12, 2012.

An agenda for the meeting was provided with the meeting notice (Agencywide Documents Access and Management System (ADAMS) Accession No. ML12150A044). A list of attendees is enclosed.

The licensee's slide presentation is provided in ADAMS Accession No. ML12156A076. TVA discussed the challenges that they are facing with the complexities of the revised hydrology modeling they are using for their licensing basis re-analysis and acknowledged their lack of timeliness in resolving the flooding issue. Mr. Jernigan discussed that TVA is committed to regaining safety margin for flooding and updating the current licensing basis through a high quality analysis, ensuring plant operability, and improved timeliness. Mr. Shea discussed TVA's slide presentation with support from the TVA staff present and on the audio conference, and answered questions from the NRC staff. TVA noted that, based on their draft re-analysis results, the probable maximum flood level at WBN will raise an additional 0.4 feet to 739.2 feet. At that level, some safety-related flood mitigation equipment will be flooded without compensatory measures. TVA stated that their current operability determinations will be re-evaluated once the re-analysis is completed.

TVA made a number of commitments at the end of their presentation, as noted on page 61 of the TVA presentation. TVA also discussed implementing a procedure to inspect the sand baskets; maintaining necessary compensatory measures; and a date to send their commitment letter the NRC. NRC discussed that it is considering options, such as a Confirmatory Action Letter, for regulatory follow up to TVA's commitment letter. TVA and the NRC staff expected to discuss and finalize TVA's commitments within 2 weeks.

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No regulatory decisions were made at the meeting. Members of the public were in attendance by telephone. No public meeting feedback forms were received.

Please direct any inquiries to me at 301-415-2296, or Fred.Lyon@nrc.gov.

A handwritten signature in black ink that reads "CF Lyon". The letters are cursive and somewhat stylized.

Carl F. Lyon, Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-390, 50-327, 50-328

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

SENIOR MANAGEMENT MEETING WITH TENNESSEE VALLEY AUTHORITY ON THE

LICENSING BASIS FOR FLOODING/HYDROLOGY

WATTS BAR NUCLEAR PLANT, UNIT 1

SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2

MAY 31, 2012

TVA

G. Arent	S. Day
J. Shea	E. Cobey
R. Whalen	D. Jernigan
R. Cole	D. Gwin*
P. Selman	W. Sprinkle*
F. Mashburn*	B. Wetzel*
D. Harrell*	R. Golden

NRC (from NRR unless otherwise noted)

P. Milano	G. Wilson
S. Campbell	C. Kanatas, OGC
J. Poole	D. Roth, OGC
M. Murphy	E. Leeds
J. Gwo	N. Chokshi, NRO
S. Shaeffer, RII	C. Cook, NRO
R. Monk, RII*	P. Hiland
R. Haag, RII*	A. Howe
F. Lyon	M. Cheok
D. Broaddus	K. Manoly
B. Boger	R. Taylor
K. See, NRO	J. Caverly, NRO
D. Skeen	M. Evans
J. Hamman, RII*	V. McCree, RII

PUBLIC

J. Johnson*

*by telephone

Enclosure

No regulatory decisions were made at the meeting. Members of the public were in attendance by telephone. No public meeting feedback forms were received.

Please direct any inquiries to me at 301-415-2296, or Fred.Lyon@nrc.gov.

/RA/

Carl F. Lyon, Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
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TWertz, NRR

MKotzalas, EDO Region 2
RidsNrrOd Resource
RidsNrrDorLP2-2
NRC Attendees

ADAMS Accession Nos.: Meeting Summary ML12157A457; Meeting Notice ML12150A044; Handouts ML12156A076

OFFICE	DORL/LPWB/PM	DORL/LPWB/LA	DORL/LPWB/BC	DORL/LPWB/PM
NAME	FLyon	BClayton	SCampbell	FLyon
DATE	6/6/12	6/6/12	6/6/12	6/6/12

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