



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

September 17, 2015

LICENSEE: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF AUGUST 26, 2015, MEETING WITH THE TENNESSEE VALLEY AUTHORITY REGARDING WATTS BAR NUCLEAR PLANT DUAL UNIT FIRE PROTECTION REPORT AUDIT CLOSURE

On August 26, 2015, a Category 1 public meeting with the Tennessee Valley Authority (TVA, the licensee) was held at the U.S. Nuclear Regulatory Commission (NRC) Headquarters, One White Flint North, 11555 Rockville Pike, Rockville Maryland, to discuss the review of the dual unit fire protection report (FPR) review for the Watts Bar Nuclear Plant (WBN), Units 1 and 2. A list of attendees is enclosed.

By letter dated June 24, 2015, TVA submitted the As-Constructed FPR for both units at WBN (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15175A508). To facilitate the NRC staff's review, the audit process was used to resolve questions about the FPR and corresponding license conditions. During the audit process, changes to the submitted FPR were made. The purpose of the August 26, 2015, public meeting was for TVA to present the change pages to the FPR that will be submitted as a supplement to the June 24, 2015, submittal.

During the meeting, TVA went over each of the proposed changes to the FPR, referencing a handout that contained "change bars" in the margin to indicate edits made to the FPR. It was noted by the licensee that Part V of the handout did not contain change bars but was changed in its entirety. TVA's presentation is available in ADAMS at Accession No. ML15244B383. The FPR handout is available in ADAMS at Accession No. ML15244B377. In addition to the proposed changes, TVA committed to a number of validations to the FPR, which have been captured in Enclosure 2.

For WBN, Unit 1, TVA submitted an amendment to the license to incorporate two corresponding license conditions relevant to the dual unit FPR and fire protection panel requirements. TVA noted that a supplement for the Unit 1 amendment will be submitted to clarify the numbering scheme for the license conditions.

At the conclusion of the meeting, TVA indicated that it would submit a revised FPR to the NRC staff for review by the end of the week. The review schedule is contingent on TVA providing a timely and thorough final FPR. The staff's review of the FPR will be documented in the final supplement to the safety evaluation report, which would be issued concurrently with the facility operating license for WBN, Unit 2, should one be issued.

Members of the public were not in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-2048 or Justin.Poole@nrc.gov.

A handwritten signature in black ink, appearing to be 'JP', with a long horizontal flourish extending to the right.

Justin C. Poole, Senior Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-390 and 50-391

Enclosures:

1. List of Attendees
2. Table Validations for TVA Fire Protection Report dated June 24, 2015

cc w/enclosures: Distribution via Listserv

LIST OF ATTENDEES

AUGUST 26, 2015, MEETING WITH THE TENNESSEE VALLEY AUTHORITY

REGARDING WATTS BAR NUCLEAR PLANT DUAL UNIT

FIRE PROTECTION REPORT AUDIT CLOSURE

NAME	TITLE	ORGANIZATION
James Trapp	Acting Deputy Director	U.S. Nuclear Regulatory Commission (NRC)/Office of Nuclear Reactor Regulation (NRR)/Division of Operating Reactor Licensing (DORL)
Samson Lee	Deputy Director	NRC/NRR/Division of Risk Assessment (DRA)
Joseph Giitter	Director	NRC/NRR/DRA
Alex Klein	Branch Chief	NRC/NRR/DRA/AFP (Fire Protection Branch)
Daniel Frumkin	Senior Fire Protection Engineer	NRC/NRR/DRA/AFP
Charles Moulton	Fire Protection Engineer	NRC/NRR/DRA/AFP
Angela Wu	Fire Protection Engineer	NRC/NRR/DRA/AFP
David Jones	Senior Fire Protection Inspector	Region II/Division of Reactor Safety/Engineering Branch 2
Justin Poole	Senior Project Manager	NRR/DORL/Watts Bar Special Projects Branch (LPWB)

NAME	TITLE	ORGANIZATION
Jeanne Dion	Project Manager	NRR/DORL/LPWB
Joseph Shea	Vice President Nuclear Licensing	Tennessee Valley Authority (TVA)
Paul Simmons	VP Nuclear WBN Unit 2	TVA
Jim Polickoski	WBN Fire Protection	TVA
Martin Bryan	WBN Licensing	TVA
William Crouch*	Engineering	TVA
Charles Brush*	Engineering	Engineering Planning and Management, Inc. (TVA Contractor)
John Pangle*	Engineering	TVA

*participated by telephone

Watts Bar, Unit 2 – Fire Protection Report Public Meeting

Wednesday, August 26, 2015

9:00 A.M. – 12:00 P.M.

Validations for TVA Fire Protection Report dated June 24, 2015

<u>Discussion Item</u>	<u>Page</u>	<u>Section</u>	<u>Initial Language</u>	<u>Change</u>	<u>Final Language</u>
Environmental Factors	V-7	Section 2.1.2.2, Part b.	" <u>The 100 percent time margin or performance time plus uncertainty allowances</u> from paragraph 2.1.2.1.A and 2.1.2.1.B above ensures adequate time to reach the control location and perform the action."	Delete: <ul style="list-style-type: none">• "100 percent"• "or performance time plus uncertainty"	" <u>The time margin allowances</u> from paragraph 2.1.2.1.A and 2.1.2.1.B above ensures adequate time to reach the control location and perform the action."
MCR Abandonment Actions Evaluations	V-12	Section 2.3	"In the event the AFW system does not automatically actuate, actions are performed in the <u>plant within</u> 10 minutes to ensure the system is running and injecting to the steam generators."	Insert: <ul style="list-style-type: none">• "demonstrated to be completed"	"In the event the AFW system does not automatically actuate, actions are performed in the <u>plant demonstrated to be completed within</u> 10 minutes to ensure the system is running and injecting to the steam generators."
Fire Detection Monitoring Panel Design Code and Standards	X-53	Code Section 1213	"For additional information refer to <u>Unit 1 License Condition 2.I</u> and Unit 2 License Condition 2.C(9) which state.."	TVA will look into the correct letter for the license condition	TBD

<u>Discussion Item</u>	<u>Page</u>	<u>Section</u>	<u>Initial Language</u>	<u>Change</u>	<u>Final Language</u>
Fire Detection Monitoring Panel Design Code and Standards	X-55	Code Section 2023	"For additional information refer to Unit 1 License Condition 2.I and Unit 2 License Condition 2.C(9) which state.."	TVA will look into the correct letter for the license condition	TBD
RB Hatch Room Surveillance Frequency and Comp Actions	II-100	----	<u>"The Fire Hazards Analysis shows that these rooms which are not accessible during normal plant operations have such limited fire hazards that no alternate compensatory actions are required nor are practical and there is no reduction in nuclear safety or the first safe shutdown capability of the plant."</u>	Delete entire sentence	No sentence

Other Items

<u>Discussion Item</u>	<u>Page</u>	<u>Section</u>	<u>Comments</u>
Defining "spurious" vs. "inadvertent" SI	III-6	Section 3.2	The language should already read: "The SI function's design basis includes events in which the RCS pressure boundary is ruptured."
Reference 4.2.17	V-13	Section 2.3.2	Confirmed in the meeting (Bill on the phone) that Reference 4.2.17 is the 65 Calculation.

Members of the public were not in attendance. Public Meeting Feedback forms were not received.

Please direct any inquiries to me at 301-415-2048 or Justin.Poole@nrc.gov.

/RA/

Justin C. Poole, Senior Project Manager
Watts Bar Special Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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TWertz, NRR

CMoulton, NRR

RidsNrrDra Resource

RidsNrrDorI Resource

AWu, NRR

CRosales-Cooper, OEDO

RidsNrrDraAfpb Resource

DJones, RGN-II

ADAMS Accession No.: ML15244B388 (Package) Meeting Summary ML15244B371

Meeting Notice ML15215A448 Handouts ML15244B377 and ML15244B383

OFFICE	DORL/LPWBPM	DORL/LPWB/LA	DRA/AFPB	DORL/LPWB/BC
NAME	JDion	BClayton (LRonewicz for)	AKlein	JQuichocho
DATE	9/1/15	9/1/15	9/14/15	9/17/15
OFFICE	DORL/LPWB/PM			
NAME	JPoole			
DATE	9/17/15			

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