



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

April 10, 2015

APPLICANT: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Plant, Unit 2

SUBJECT: SUMMARY OF MARCH 4, 2015, MEETING WITH TENNESSEE VALLEY AUTHORITY REGARDING THE WATTS BAR NUCLEAR PLANT, UNIT 2 OPERATING LICENSE APPLICATION (REACTOR OVERSIGHT PROCESS TRANSITION)

On March 4, 2015, a Category 1 public teleconference was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the Tennessee Valley Authority (TVA). The purpose of this meeting was for TVA and the NRC staff to discuss the revisions made to the draft NRC Reactor Oversight Process (ROP) Transition Plan (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15041A717) for Watts Bar Nuclear Plant, Unit 2 (WBN-2) that was made publicly available. TVA had provided its feedback at a previous public meeting held on February 19, 2015. The discussion focused on additional feedback that TVA had on what the NRC staff presented as revisions to the ROP Transition Plan. The meeting notice and agenda, dated February 20, 2015, are available in ADAMS at Accession No. ML15051A477. A list of attendees is enclosed.

The NRC staff presented information (ADAMS Accession No. ML15070A209).

The NRC staff described the current state of the ROP Transition Plan during its presentation time. The staff explained that the NRC does not believe there are overlapping responsibilities between Inspection Manual Chapter (IMC) 2514, "Light Water Reactor Inspection Program – Startup Testing Phase," and IMC 2515, "Light-Water Reactor Inspection Program – Operations Phase" (NRC baseline inspection). Thus, the NRC will implement the NRC baseline inspection program upon license issuance, even while some portions of both IMC 2514 and IMC 2517, "Watts Bar Unit 2 Construction Inspection Program," remain to be completed. Pertaining to the assessment of findings, the staff explained that three cornerstones will be transitioned to the ROP at the start of IMC 2514, while the other four cornerstones will be transitioned once the plant begins start-up and commercial operation. The staff will assess the findings in the cornerstones of emergency preparedness, public and occupational radiation protection, and security, according to the ROP assessment program, consistent with IMC 0305, "Operating Reactor Assessment Program." However, the NRC will not apply the Action Matrix until all ROP cornerstones have transitioned to the ROP. If there are outstanding safety-significant findings at the time of transition, WBN-2 will enter the Action Matrix in the appropriate column. In the months leading up to full transition, WBN-2 will be expected to gather and submit the data related to the various performance indicators in the ROP to prepare for full transition and implementation. The NRC staff plans to discuss the document further with Region II and finalize it as soon as practical.

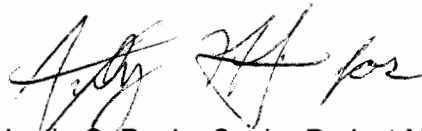
TVA asked the staff clarifying questions on the presentation and expressed concern with certain aspects of the NRC's proposed ROP Transition Plan. Primarily, the representatives from TVA

did not agree with the staff that WBN-2 should be subject to the NRC baseline inspection program prior to commercial operation, but after receipt of its license. Additionally, TVA expressed concern that the NRC was treating WBN-2 as a de facto operating plant, regardless of its being exempt from the Action Matrix, if the NRC chose to implement augmented inspections and transitioned three cornerstones to the ROP. Despite not appearing in a column in the Action Matrix, TVA expressed concern that the regulatory burden of increased oversight would be substantial and the safety benefits of additional oversight at a plant that is not yet fully operational would be marginal. The staff listened to these concerns and committed to discussing them more internally and also with TVA prior to finalization.

The staff requested that TVA also submit an opinion on how best to handle the risk profile of the plant in the timeframe between license issuance and full operation. Both TVA and NRC staff agreed to meet on March 18, 2015, to further discuss the ROP Transition Plan. No regulatory decisions were made at this meeting.

Members of the public were in attendance. Public Meeting Feedback Forms were not received. There were no substantive comments from the public.

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

A handwritten signature in black ink, appearing to read 'Justin G. Poole', is positioned above the typed name.

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

Docket No. 50-391

Enclosure:
List of Attendees

cc w/enclosures: Distribution via Listserv

LIST OF ATTENDEES

MARCH 4, 2015, MEETING WITH TENNESSEE VALLEY AUTHORITY REGARDING THE
WATTS BAR NUCLEAR PLANT, UNIT 2 OPERATING LICENSE APPLICATION
REACTOR OVERSIGHT PROCESS TRANSITION)

Applicant: Tennessee Valley Authority

Plant: Watts Bar Nuclear Plant, Unit 2
(WBN-2)

Subject: Reactor Oversight Process Transition **Date:** March 4, 2015

Location: Teleconference

Time: 9:00 a.m. – 10:20 a.m.

NAME	TITLE	ORGANIZATION
Justin Poole	Senior Project Manager Watts Bar Unit 2	U.S. Nuclear Regulatory Commission (NRC)/Office of Nuclear Reactor Regulation (NRR)/Division of Operating Reactor Licensing (DORL)/Watts Bar Special Projects Branch (LPWB)
Scott Morris	Division Director	NRC/NRR/Division of Inspection and Regional Support (DIRS)
Anthony Minarik	Project Manager	NRC/NRR/DORL/LPWB
Christopher Regan	Branch Chief	NRC/NRR/DIRS/Reactor Inspection Branch (IRIB)
Ronald Frahm	Senior Reactor Operations Engineer	NRC/NRR/DIRS/Performance Assessment Branch (IPAB)
Dan Merzke	Senior Reactor Operations Engineer	NRC/NRR/DIRS/IPAB
Gabriel Levasseur	Reactor Operations Engineer	NRC/NRR/DIRS/IRIB

Enclosure

NAME	TITLE	ORGANIZATION
Zachary Hollcraft	Reactor Operations Engineer	NRC/NRR/DIRS/IPAB
Adam Wilson*	Construction Project Inspector	NRC/Region II (RII)/Division of Construction Projects (DCP) / Construction Projects Branch 3
Michael King*	Branch Chief	NRC/RII/Division of Reactor Projects (DRP)/Reactor Projects Branch 6
Bob Haag*	Branch Chief	NRC/RII/DCP/Construction Projects Branch 3
Gene Cobey	Licensing and Engineering Management	Tennessee Valley Authority (TVA)
Rusty Stroud	Licensing and Engineering	TVA
Nick Jackiw*	Member of Public	Southern Nuclear Company
Gary Morgan*	Member of Public	BEST/MATTR
Mary Jaworsk*i	Member of Public	Duke Energy

*via teleconference

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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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List of Attendees

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ADAMS Accession Nos.: Package: ML15069A350 Meeting Summary: ML15069A356

OFFICE	DORL/LPWB/PM	DORL/LPWB/PM	DORL/LPWB/LAiT	DORL/LPWB/LA
NAME	AMinarik	JPoole	LRonewicz	BClayton
DATE	3/10/15	3/13/15	3/30/15	3/30/15
OFFICE	DIRS/IRIB/BC	DIRS/IPAB/BC	DORL/LPWB/BC	DORL/LPWB/PM
NAME	CRegan	NSanfilippo	JQuichocho	JPoole (AMinarik for)
DATE	3/16/15	3/16/15	3/31/15	4/10/15

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