



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

August 8, 2018

LICENSEE: Tennessee Valley Authority

FACILITY: Watts Bar Nuclear Plant, Units 1 and 2

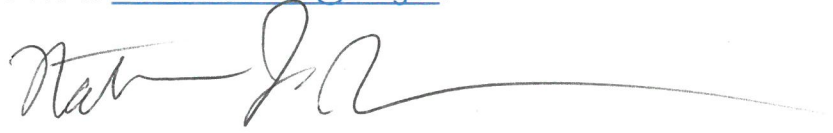
SUBJECT: SUMMARY OF JUNE 19, 2018, PRE-APPLICATION MEETING WITH  
TENNESSEE VALLEY AUTHORITY REGARDING A PLANNED LICENSE  
AMENDMENT REQUEST TO USE OPTIMIZED ZIRLO FUEL ASSEMBLIES AT  
THE WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 (EPID L-2018-LRM-0040)

On June 19, 2018, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Tennessee Valley Authority (TVA, the licensee) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was for TVA to present its planned license amendment request (LAR) to revise Technical Specification (TS) 4.2.1 and submit an exemption request to Title 10 of the *Code of Federal Regulations* (10 CFR) 50.46, "Acceptance criteria for emergency core cooling systems for light-water nuclear power reactors," in order to use Optimized Zirlo Fuel Assemblies. The meeting notice and agenda, dated June 12, 2018, are available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML18169A238. A list of attendees is enclosed.

The licensee provided presentation slides (ADAMS Accession No. ML18164A319) prior to the meeting. During the meeting, the licensee discussed aspects of the proposed LAR and the exemption request. The licensee discussed the TS changes proposed by this LAR along with certain aspects of plant configuration. During the meeting, the licensee discussed the methodology used in the technical analysis to support the proposed LAR and exemption request. The licensee made reference to, as regulatory precedent, a number of previous LARs and exemption requests approved by the NRC. The licensee informed the NRC of their intent to submit the LAR in July 2018.

The NRC staff asked clarifying questions regarding the methodology and provided observations on key issues impacting the submittal. No regulatory decisions were made and no actions were identified as a result of this meeting. No members of the public attended the meeting. No Public Meeting Feedback forms were received.

Please direct any inquiries to me at 301-415-7410 or [Natreon.Jordan@nrc.gov](mailto:Natreon.Jordan@nrc.gov).

A handwritten signature in black ink, appearing to read 'Natreon Jordan', followed by a long horizontal flourish line extending to the right.

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

Docket Nos. 50-390 and 50-391

Enclosure:  
List of Attendees

cc: Listserv

LIST OF ATTENDEES

JUNE 19, 2018, PRE-APPLICATION MEETING

WITH TENNESSEE VALLEY AUTHORITY REGARDING A PLANNED LICENSE  
AMENDMENT REQUEST TO USE OPTIMIZED ZIRLO FUEL ASSEMBLIES AT THE  
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2

<b>Name</b>	<b>Organization</b>
Natreon (Nate) Jordan	U.S. Nuclear Regulatory Commission (NRC)
Jennifer Whitman	NRC
Booma Venkataraman	NRC
Diana Woodyatt	NRC
Phillip Sahd	NRC
Joshua Kaizer	NRC
Ed Schrull	Tennessee Valley Authority (TVA)
Chris Carey	TVA
Doug Pollock	TVA
Russell Wells	TVA

Enclosure

SUBJECT: SUMMARY OF JUNE 19, 2018, PRE-APPLICATION MEETING WITH  
TENNESSEE VALLEY AUTHORITY REGARDING A PLANNED LICENSE  
AMENDMENT REQUEST TO USE OPTIMIZED ZIRLO FUEL ASSEMBLIES AT  
THE WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 (EPID L-2018-LRM-0040)  
DATED: August 8, 2018

**DISTRIBUTION:**

**PUBLIC**

PM File Copy

RidsRgn2MailCenter Resource

RidsNrrPMWattsBar Resource

RidsNrrDorlLpl2-2 Resource

RidsNrrDssSrxs Resource

RidsNrrDssSnps Resource

DWoodyatt, NRR

SKrepel, NRR

JBowen, OEDO

RidsNrrLABClayton Resource

RidsACRS\_MailCTR Resource

RidsNrrDorl Resource

AHon, NRR

JKaizer, NRR

FSaba, NRR

PSahd, NRR

LBurkhart, OEDO

**ADAMS Accession No.: ML18205A597**

**\*Via E-mail**

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	NRR/DSS/SRXB/BC
NAME	NJordan <i>NJ</i>	BClayton <i>BC</i>	JWhitman*
DATE	8 / 7 / 2018	8 / 1 / 2018	8 / 2 / 2018
OFFICE	DORL/LPL2-2/BC (A)	DORL/LPL2-2/PM	
NAME	BVenkataraman <i>VB</i>	NJordan <i>NJ</i>	
DATE	8 / 8 / 2018	8 / 8 / 2018	

**OFFICIAL RECORD COPY**