



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

February 28, 2019

**LICENSEE:** Tennessee Valley Authority

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

**SUBJECT:** SUMMARY OF JANUARY 31, 2019, MEETING WITH TENNESSEE VALLEY  
AUTHORITY REGARDING PRESUBMITTAL LICENSING ACTIONS -  
SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 (EPID L-2018-LRM-0085)

On January 31, 2019, a Category 1 public teleconference took place between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Tennessee Valley Authority (TVA). The purpose of this meeting was for the NRC staff to provide feedback to TVA on its approach to submit a license amendment request (LAR) for a fuel transition from the current Framatome HTP™ fuel to Westinghouse RFA-2 fuel at the Sequoyah Nuclear Plant (SQN), Units 1 and 2. TVA's proposal was discussed at a previous public meeting on November 14, 2018, as summarized in the Agencywide Documents Access and Management System (ADAMS) Accession No. ML18344A567. The meeting notice and agenda, dated January 18, 2019, are available in ADAMS Accession No. ML19031A643.

At the November 14, 2018, public meeting, TVA representatives stated that they believe the proposed approach is a more-efficient alternative than what has been used in previous fuel transition LARs. The essence of this proposed approach is for the NRC staff's review to focus only on the SQN Technical Specification (TS) changes. This includes adding the reference to the new Westinghouse methodology topical reports in the Core Operating Limits Report (COLR) and moving the Reactor Core Safety Limits from Section 2.0 of the TSs to the COLR. As for the fuel transition related safety analyses, TVA believed that they could be performed using approved methods and will meet applicable acceptance criteria consistent with the current SQN licensing bases under the provisions in Title 10 of the *Code of Federal Regulations*, Section 50.59, *Changes, tests, and experiments*, without prior NRC approval in the LAR.


Using the presentation slides (see ADAMS Accession No. ML19031A150), the NRC staff detailed the concerns observed by the staff with TVA's proposed approach, given the applicable regulatory requirements and associated staff review effort. In particular, the LAR must contain enough information for the staff to independently verify that the proposed fuel and analytic methods transition could be implemented at Sequoyah in conformance with NRC requirements. In addition, there is less schedule and cost uncertainty associated with the well-established review process than what TVA proposed. The NRC staff indicated the bases for these concerns were confirmed after careful considerations following the November 18, 2018, public meeting.

After some clarification questions, TVA acknowledged that the NRC staff's concerns were understood and will be considered in its final decision on the LAR approach. TVA also

recommended that the NRC review a similar LAR for the North Anna plant. A list of attendees is enclosed.

No regulatory decisions were made at the meeting. Members of the public participated by phone. Public Meeting Feedback forms were not received.

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



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: Listserv

LIST OF ATTENDEES

JANUARY 31, 2019, MEETING WITH TENNESSEE VALLEY AUTHORITY REGARDING  
PRESUBMITTAL LICENSING ACTIONS FOR SEQUOYAH NUCLEAR PLANT

NRC

Andy Hon  
Bob Schaaf  
Undine Shoop  
Ravi Grover  
Jen Whitman  
John Lehning  
Mirela Garvrilas  
Robert Lukes  
Ben Parks  
David Beaulieu

TVA

Russ Wells  
Kasey Decker  
David Brown  
Chris Carey  
Tony Brown  
Dave Lafever  
Erin Henderson  
Gordon Williams

Westinghouse

James Smith  
Brian Beebe

Members of the public observed the meeting by telephone

Bob Clarke  
Dale Lancaster

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DATED FEBRUARY 28, 2019

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JJohnston NRR

TClark, EDO

RSchaaf, NRR

SKrepel, NRR

RGrover, NRR

JLehning, NRR

RBeaton, NRR

BParks, NRR

DBeaulieu, NRR

**ADAMS Accession Nos:**

**Summary: ML19038A469**

**Notice: ML19031A643**

**Presentation: ML19031A150**

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	DSS/SRXB/BC	DORL/LPL2-2/BC	DORL/LPL2-2/PM
NAME	AHon	BClayton	JWhitman	UShoop	AHon
DATE	2/11/19	2/12/19	2/15/19	2/22/19	2/28/19

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