



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

February 12, 2020

LICENSEE: Tennessee Valley Authority

FACILITY: Sequoyah Nuclear Plant, Unit 1

SUBJECT: SUMMARY OF JANUARY 27, 2020, PUBLIC MEETING WITH TENNESSEE VALLEY AUTHORITY REGARDING THE FUTURE SUBMITTAL OF A LICENSE AMENDMENT REQUEST RE: REVISED STEAM GENERATOR INSPECTION INTERVALS (EPID L-2020-LRM-0003)

On January 27, 2020, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of Tennessee Valley Authority (TVA) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the future submittal of a license amendment request applicable to Sequoyah Nuclear Plant, Unit 1 (Sequoyah Unit 1), that would amend the steam generator (SG) tube inspection periodicity. The meeting notice and agenda, dated January 15, 2020, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML20015A385). A list of attendees is enclosed.

For the meeting the licensee presented information (ADAMS Accession No. ML20024D211) regarding the history of the SGs, the past tube inspection results, and the changes that would be requested. In summary, TVA would be requesting that the NRC approve deferring required tube inspections for each of the four SGs from once every 72 full power months to once every 96 full power months. TVA plans to submit the license amendment request in March 2020 and will request that the NRC review and approve the request within 1 year.

During the meeting, the NRC staff asked two questions that TVA took for action to respond to. The staff asked for the depth of the SG sludge pile. TVA responded that it reviewed the sludge depths for Sequoyah Unit 1 from the fall 2016 refueling outage. The maximum depth of the sludge in each SG was 2 inches, and the sludge piles covered areas of about 30 tubes. This was measured by eddy current and confirmed through visual inspections. Also, once the licensee stated that the steam pressure measurement used for calculating the primary-to-secondary differential pressure was measured downstream of the SG outlet, which provided a conservative calculation of differential pressure, the NRC staff asked how much higher the secondary side pressure was at the SG tube bundle. TVA responded that it had two calculations that give the values used to determine the differential pressure between the two points. The calculations show that the pressure at the top of the tube bundle is about 8.5 pounds per square inch (psi) higher; thus, the '3 delta P' additional margin (the measured pressure differential multiplied by 3) would be about 25.5 psi.

No members of the public attended; no public meeting feedback forms were received.

Sincerely,

/RA/

Perry H. Buckberg, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-327

Enclosure:
List of Attendees

cc: Listserv

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ADAMS Accession Nos.:

Package: ML20035C894

Meeting Summary: ML20035C819

Meeting Slides: ML20024D211

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	DORL/LPL2-2/BC	DORL/LPL2-2/PM
NAME	PBuckberg	BAbeywickrama	UShoop (MWentzel for)	PBuckberg
DATE	02/10/2020	02/05/2020	02/12/2020	02/12/2020

OFFICIAL RECORD COPY

LIST OF ATTENDEES

JANUARY 27, 2020, MEETING WITH TENNESSEE VALLEY AUTHORITY

FUTURE SUBMITTAL OF A LICENSE AMENDMENT REQUEST RE: REVISED STEAM

GENERATOR INSPECTION INTERVALS AT SEQUOYAH NUCLEAR PLANT, UNIT 1

Name	Organization
Perry Buckberg	U.S. Nuclear Regulatory Commission (NRC)
Steve Bloom	NRC
Scott Krepel	NRC
Andrew Johnson	NRC
Alan Huynh	NRC
Matthew Hamm	NRC
Paul Klein	NRC
Gregory Makar	NRC
Kim Hulvey	Tennessee Valley Authority (TVA)
Russell Wells	TVA
Jesse Baron	TVA
Jeremy Mayo	TVA
Andy McNeil*	TVA
Tammy Sears*	TVA
Ann Robinson*	TVA
Brian Mann*	Excel Services
Daniel May	Duke Energy

*by phone

Enclosure