



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-15-136

July 22, 2015

10 CFR 50.4  
10 CFR 50.55a

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Sequoyah Nuclear Plant, Units 1 and 2  
Facility Operating License Nos. DPR-77 and DPR-79  
NRC Docket Nos. 50-327 and 50-328

Subject: **Response to NRC Request for Additional Information Regarding American Society of Mechanical Engineers Request for Relief RP-07 (TAC Nos. MF5585 AND MF5586)**

- References:
1. Letter to NRC, "Sequoyah Nuclear Plant, Units 1 And 2, – American Society of Mechanical Engineers Request for Relief RP-07," dated December 31, 2014 (ADAMS Accession No. ML14365A207)
  2. Electronic Mail from NRC to TVA, "Sequoyah Units 1 and 2 Request for Additional Information RR RP-07 (TAC MF5585 and MF5586)," dated June 24, 2015 (ADAMS Accession No. ML15175A291)

By letter dated December 31, 2014 (Reference 1), Tennessee Valley Authority (TVA) submitted American Society of Mechanical Engineers Request for Relief RP-07, which requests NRC approval to perform future inservice pump testing at the Sequoyah Nuclear Plant, in a manner consistent with the requirements stated in ASME OM Code Case OMN-21.

In the Reference 2 electronic mail, the Nuclear Regulatory Commission (NRC) transmitted a request for additional information (RAI) and requested that TVA provide a response by July 24, 2015. The enclosure provides the response to the RAI.

There are no new regulatory commitments contained in this letter. Please address any questions regarding this submittal to Tom Hess at (423) 751-3487.

Respectfully,

A handwritten signature in blue ink, appearing to read "J. W. Shea", is written over the typed name.

J. W. Shea  
Vice President, Nuclear Licensing

Enclosure  
cc: See Page 2

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Enclosure  
TVA Response to NRC Request for Additional Information

cc (Enclosures):  
NRC Regional Administrator – Region II  
NRC Senior Resident Inspector – Sequoyah Nuclear Plant

## **Enclosure 1**

### **TVA Response to NRC Request for Additional Information**

REQUESTS FOR ADDITIONAL INFORMATION  
RELIEF REQUEST RP-07 FOR THE  
THIRD & FOURTH 10-YEAR INTERVAL INSERVICE TESTING PROGRAM  
TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NUMBERS 50-327 AND 50-328  
(TAC NOS. MF5585 AND MF5586)

#### **Request for Additional Information (RAI)-RP-07-1:**

*The license states that relief request RP-07 is for the remainder of third, and for the entire fourth 10-year inservice testing (IST) interval at Sequoyah Nuclear Plant (SQN) Units 1 and 2.*

*Please provide the start and end dates of third and fourth 10-year IST interval at SQN, Units 1 and 2.*

#### **TVA Response:**

The 3rd 10-Year Inservice Inspection and Testing Interval for Sequoyah Nuclear Plant (SQN), Unit 1 and Unit 2 started on June 1, 2006 and ends on May 31, 2016.

The 4th 10-Year Inservice Inspection and Testing Interval for SQN, Unit 1 and Unit 2 starts on June 1, 2016 and ends on May 31, 2026.

#### **RAI-RP-07-2:**

*The licensee states that "Code of Record" for the current third 10-year interval is the 2001 Edition through 2003 Addenda of the American Society of Mechanical Engineers (ASME) OM Code and proposed alternative will be utilized for the remainder of the third 10-year IST interval, and for the entire fourth 10-year IST interval.*

*Please provide "Code of Record," for the fourth 10-year IST interval program at SQN Units 1 and 2; and/or justify the use of ASME OM Code 2001 through 2003 addenda for the third and fourth 10-year IST interval as specified in Relief Request RP-07, Section II.*

#### **TVA Response:**

The Code of Record for the 4th 10-Year Inservice Inspection and Testing Interval for SQN, Unit 1 and Unit 2 will be ASME OM Code 2004 Edition through 2006 Addenda.