



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

CNL-15-178

August 28, 2015

10 CFR Part 54

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: **Sequoyah Nuclear Plant, Units 1 and 2, License Renewal Application - Clarifications (TAC Nos. MF0481 and MF0482)**

References: 1. TVA Letter to NRC, "Second Annual Update to the Sequoyah Nuclear Plant, Units 1 and 2, License Renewal Application," dated August 14, 2015

By letter dated August 14, 2015 (Reference 1), Tennessee Valley Authority (TVA) submitted to the Nuclear Regulatory Commission (NRC) the second annual update to the Sequoyah Nuclear Plant (SQN) License Renewal Application (LRA). Subsequent discussions with the NRC SQN License Renewal Project Manager identified the need to provide additional clarification with regard to the Current Licensing Basis change discussed in the Reference 1 letter. The requested clarification is provided in the enclosure.

There are no new regulatory commitments contained in this letter. Please address any questions regarding this submittal to Erin Henderson at (423) 843-7170.

I declare under penalty of perjury that the foregoing is true and correct. Executed on this 28th day of August 2015 .

Respectfully,

A handwritten signature in blue ink, appearing to read 'J. W. Shea'.

J. W. Shea
Vice President, Nuclear Licensing

Enclosure

cc: See Page 2

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Enclosure: Sequoyah Nuclear Plant, Units 1 and 2 License Renewal Application Second
Annual Update - Clarifications

cc (Enclosure):

NRC Regional Administrator - Region II
NRC Senior Resident Inspector - Sequoyah Nuclear Plant
NRC Project Manager - Sequoyah Nuclear Plant
NRR License Renewal Project Manager - Sequoyah Nuclear Plant
EDMS

ENCLOSURE

Sequoyah Nuclear Plant, Units 1 and 2 License Renewal Application Second Annual Update - Clarifications

Section 2.5 of the Sequoyah Nuclear Plant (SQN), Units 1 and 2 License Renewal Application (LRA) is modified as provided below with the additional text underlined and deleted text lined through. These changes supplement those previously provided in the enclosure to Reference 1 of the cover letter.

Section 2.5 SCOPING AND SCREENING RESULTS: ELECTRICAL AND INSTRUMENTATION AND CONTROL SYSTEMS

Commodity Groups Not Subject to AMR

Electrical and I&C Penetration Assemblies

All ~~Primary Containment SQN~~ Environmentally qualified electrical and I&C penetration assemblies, ~~with the exception of penetrations SQN-1-PENE-302-0026-S and SQN-1-PENE-302-0040-S,~~ are in the EQ program (10 CFR 50.49). SQN electrical and I&C penetration assemblies in the EQ program are subject to replacement based on their qualified life, so they are not subject to aging management review (AMR). Cables and connections in non-EQ electrical and I&C penetration assemblies (such as SQN-1-PENE-302-0026-S and SQN-1-302-0040-S) are within the scope of license renewal and are subject to AMR as identified in Table 2.5-1, with AMR results as shown in Table 3.6.2. Non-EQ cables and connections to electrical and I&C penetrations are evaluated in the insulated cable and connection commodity group. The pressure boundary function of electrical penetration assemblies ~~SQN-1-PENE-302-0026-S and SQN-1-PENE-302-00~~ are included in the evaluation for the Reactor Building in Section 2.4.1.