



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
MARQUIS ONE TOWER  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303

March 19, 2015

MEMORANDUM TO: William M. Dean, Director  
Office of Nuclear Reactor Regulation

FROM: Victor M. McCree /RA/  
Regional Administrator

SUBJECT: SEQUOYAH NUCLEAR PLANT UNITS 1 AND 2 LICENSE  
RENEWAL APPLICATION

By letter dated January 15, 2013, Tennessee Valley Authority (TVA), submitted an application requesting the license renewal of Sequoyah Nuclear Plant Units 1 and 2 in accordance with Title 10 of the Code of Federal Regulations (10 CFR) Part 54. We have completed our inspections at Sequoyah in accordance with the guidance contained in Inspection Manual Chapter 2516 and Inspection Procedure 71002, closely coordinating with the Office of Nuclear Reactor Regulation (NRR) to confirm the scope and timing of the inspections. The inspections were performed to verify that TVA implemented the scoping and screening methodology and established aging management programs in conformance with the descriptions contained in TVA's application for license renewal. The inspections verified, on a sampling basis, that the existing and planned aging management programs could reasonably manage the effects of aging. The inspections also confirmed that the documentation used to support the application be in an auditable and retrievable form. Additionally, the inspections reviewed corrective actions for license renewal issues raised by the U.S. Nuclear Regulatory Commission. Details of the scope of our inspections and results are contained in Inspection Report 50-327/2013012 and 50-328/2013012 dated January 31, 2014.

We have determined that the TVA programs and activities related to the license renewal of Sequoyah have been, or will be, completed in substantial agreement with docketed commitments and regulatory requirements prior to the date of expiration of the current 40 year operating license. Tennessee Valley Authority has demonstrated the capability to manage the effects of aging during the period of extended operation. We, therefore, conclude that there is reasonable assurance that TVA's aging management programs provide an adequate foundation for renewing the license for Sequoyah Units 1 and 2 for an additional 20 years.

Should you have any questions concerning this letter, please contact me at 404-997-4411.

CONTACT: Joel Rivera-Ortiz, RII/DRS  
404-997-4825

Docket Nos: 50-327, 50-328  
License Nos: DPR-77, DPR-79

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ADAMS: ☒ Yes ACCESSION NUMBER: **ML15079A092** ☒ SUNSI REVIEW COMPLETE

OFFICE	RII:DRS/EB3	RII:DRS/EB3	RII:DRP/BR6	RII:DRS	RII:DRP	RII:ORA
SIGNATURE	JER6	SAW4	SS FOR	ATG	JTM	LXW1
NAME	J. Rivera-Ortiz	S. Walker	M. King	A. Gody	J. Munday	L. Wert
DATE	3.12.2015	3/16/2015	3/16/2015	3/18/2015	3/16/2015	3/19 /2015
E-MAIL COPY	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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