



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

April 6, 2015

Mr. John W. Stetkar, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS'  
REPORT ON THE SAFETY ASPECTS OF THE LICENSE RENEWAL  
APPLICATION FOR THE SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Stetkar:

During the 622th meeting of the Advisory Committee on Reactor Safeguards (Committee) held on March 6, 2015, the Committee completed its review of the license renewal application for the Sequoyah Nuclear Plant, Units 1 and 2 (SQN), and the associated final safety evaluation report prepared by the U.S. Nuclear Regulatory Commission (NRC). In the Committee's final report, dated March 13, 2015, the Committee recommends renewal of the SQN operating license. The NRC staff appreciates the Committee's insights and thorough review of the applicant's license renewal application and the staff's associated final safety evaluation report. In particular, the Committee's review of issues related to the Reactor Vessel Internals Program, fluence value modeling in the upper core plate, and aging effects due to associated irradiation in the area above the active fuel, were particularly helpful as the staff finalized its evaluation. The Committee recognized that Tennessee Valley Authority has committed to periodic visual inspections of the upper core plate as an appropriate action to resolve the open item and agreed with the staff's consideration.

The NRC staff recognizes the Committee's commitment to safety and appreciates its continued support of the license renewal process.

Sincerely,

*/RA/*

Mark A. Satorius  
Executive Director  
for Operations

cc: Chairman Burns  
Commissioner Svinicki  
Commissioner Ostendorff  
Commissioner Baran  
SECY

April 6, 2015

Mr. John W. Stetkar, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS'  
REPORT ON THE SAFETY ASPECTS OF THE LICENSE RENEWAL  
APPLICATION FOR THE SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Stetkar:

During the 622th meeting of the Advisory Committee on Reactor Safeguards (Committee) held on March 6, 2015, the Committee completed its review of the license renewal application for the Sequoyah Nuclear Plant, Units 1 and 2 (SQN), and the associated final safety evaluation report prepared by the U.S. Nuclear Regulatory Commission (NRC). In the Committee's final report, dated March 13, 2015, the Committee recommends renewal of the SQN operating license. The NRC staff appreciates the Committee's insights and thorough review of the applicant's license renewal application and the staff's associated final safety evaluation report. In particular, the Committee's review of issues related to the Reactor Vessel Internals Program, fluence value modeling in the upper core plate, and aging effects due to associated irradiation in the area above the active fuel, were particularly helpful as the NRC staff finalized its evaluation. The Committee recognized that Tennessee Valley Authority has committed to periodic visual inspection of the upper core plate as an appropriate action to resolve the open item and agreed with the staff's consideration.

The NRC staff recognizes the Committee's commitment to safety and appreciates its continued support of the license renewal process.

Sincerely,  
*/RA/*  
Mark A. Satorius  
Executive Director  
for Operations

cc: Chairman Burns  
Commissioner Svinicki  
Commissioner Ostendorff  
Commissioner Baran  
SECY

DISTRIBUTION: LTR-15-0140  
See next page

\* concurred via e-mail

ADAMS Accession Nos. **ML15076A157** (Package) **ML15077A444** (Incoming) **ML15083A279** (Letter)

OFFICE	LA:DLR:RPB1*	PM: RPB1:DLR	Tech Editor *	OGC
NAME	YEdmonds	RPlasse for ESayoc	JDougherty	BMuzuno
DATE	3/25/15	3/25/15	3/25/15	3/26/15
OFFICE	BC: RPB1:DLR	D:DLR:NRR	D:NRR	EDO
NAME	YDiaz-Sanabria	CMiller	WDean	MSatorius
DATE	3/26/15	3/27/15	3/27/15	4/ 06 /15

OFFICIAL RECORD COPY

Letter to J. Stetkar from M. Satorius dated April 6, 2015

DISTRIBUTION:

DLR R/F

PUBLIC

RidsNrrDir Resource

RidsNrrDirRpb1 Resource

RidsNrrDirRpb2 Resource

RidsNrrDirRerb Resource

RidsNrrDirRarb Resource

RidsNrrDirRasb Resource

beth.mizuno@nrc.gov

brian.harris@nrc.gov

john.pelchat@nrc.gov

gena.woodruff@nrc.gov

siva.lingam@nrc.gov

wesley.deschaine@nrc.gov

galen.smith@nrc.gov

scott.shaeffer@nrc.gov

jeffrey.hamman@nrc.gov

craig.kontz@nrc.gov

caudle.julian@nrc.gov

generette.lloyd@epa.gov

gmadkins@tva.gov

clwilson@tva.gov

hlee0@tva.gov

dllundy@tva.gov