



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

August 7, 2013

LICENSEE: Tennessee Valley Authority

FACILITY: Sequoyah Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF THE SITE AUDIT RELATED TO THE REVIEW OF THE
LICENSE RENEWAL APPLICATION FOR SEQUOYAH NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. MF0057 AND MF0058)

On April 7-11, 2013, a review team consisting of staff from the U.S. Nuclear Regulatory Commission (NRC staff) staff and contractors from Pacific Northwest National Laboratory (PNNL) participated in a site audit at Sequoyah Nuclear Plant (SQN), Units 1 and 2, in Soddy Daisy, Tennessee, related to the environmental review of the SQN license renewal application. The primary goal of the site visit was to review documentation, gather information to ensure that the environmental requirements of license renewal as codified in Title 10 of the *Code of Federal Regulations* Part 51 (10 CFR Part 51) were met, and to interface with officials from local government agencies to obtain related information, in accordance with the issued audit plan (ML13067A244). The enclosure is a list of representatives from NRC, PNNL, local government agencies, personnel from Tennessee Valley Authority (TVA) and its partners, and industry observers who participated in the site audit.

The audit began on April 7, 2013, with an entrance meeting to introduce participants and to discuss logistics of the audit. Following the entrance meeting, the environmental review team participated in a general site tour of SQN with TVA staff, TVA partners and contractors, and industry observers. The general site tour provided an overview and orientation of the site areas relevant to the environmental review.

During the remainder of the site audit, the environmental review team examined data used by TVA in preparation of the environmental report and met in smaller groups with TVA representatives to address the staff specific audit needs identified in the audit plan. These groups participated in various activities, including documentation review, area focused facility surveys and tours, and interviews with cognizant personnel. Specific tours were conducted for onsite National Pollutant Discharge Elimination System-permitted outfalls, cultural resources, surface water and groundwater resources, radiological and non-radiological waste, terrestrial ecology, aquatic ecology, protected species and habitats, and meteorological towers and monitoring equipment. Dedicated discussions and interviews were conducted for Severe Accident Mitigation Alternatives, by both NRC and TVA representatives.

The environmental review team members also met with the NRC resident Inspectors and offsite with local officials from the Tennessee Historical Commission, for information gathering purposes to assist the staff in developing the draft Supplemental Environmental Impact Statement (DSEIS) for SQN license renewal.

In addition, the team reviewed the SQN process for identifying new and significant information (information that would challenge the generic conclusions reached in the Generic Environmental Impact Statement for License Renewal of Nuclear Plants, NUREG-1437). The staff will document its independent evaluation in the DSEIS.

At the conclusion of the site audit, the environmental review team summarized the status of the review with TVA representatives during the exit meeting. Most of the team's questions identified in the audit plan or during the audit were answered through the conduct of the audit. Those that were not will be answered by TVA, as it responds to a request for additional information (RAI) letter to be issued subsequently. The RAI letter will also contain documents requested by the team during the site audit. These documents will be made publicly available in the NRC's Agencywide Documents Access and Management System (ADAMS) at <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the NRC's Public Document Room staff at 800-397-4209 (or 301-415-4737) or by e-mail at pdr.resource@nrc.gov.

While the NRC review team did not identify any significant environmental issues during its site audit or during the meetings with other participants, the team indicated that the environmental review was ongoing and that any additional information necessary to support the review would be formally requested via the RAI process, during the course of the review.

Sincerely,



David M. Drucker, Sr. Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

Enclosure:
List of Attendees

cc: Listserv

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/RA/

David M. Drucker, Sr. Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

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ADAMS Accession No. :ML13120A198

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Memorandum to Tennessee Valley Authority from D. Drucker dated August 7, 2013

SUBJECT: SUMMARY OF THE SITE AUDIT RELATED TO THE REVIEW OF THE
LICENSE RENEWAL APPLICATION FOR SEQUOYAH NUCLEAR PLANT,
UNITS 1 AND 2 (TAC NOS. MF0057 AND MF0058)

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SEQUOYAH NUCLEAR GENERATION STATION
LICENSE RENEWAL APPLICATION REVIEW

ENVIRONMENTAL SITE AUDIT

April 7-11, 2013

PARTICIPANTS	ORGANIZATION
David Wrona	U.S. Nuclear Regulatory Commission (NRC) – Branch Chief (BC)
Travis Tate	NRC – BC
Emmanuel Sayoc	NRC – Environmental Project Manager
Jerry Dozier	NRC - Severe Accident Mitigation Alternatives (SAMA)
Jason White	NRC – Meteorology Air, SAMA
William Ford	NRC – Hydrology
Kevin Folk	NRC – Hydrology
Briana Balsam	NRC – Threatened and Endangered Species
Michelle Moser	NRC – Terrestrial Ecology
Nancy Martinez	NRC - Meteorology Air
Dennis Logan	NRC – Aquatic Resources
Emily Larson	NRC – Cultural Resources
Allison Travers	NRC – Radiological and Non-radiological Waste
Roland Benke	Center for Nuclear Waste Regulatory Analyses (CNWRA) - SAMA
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Steve Yabusaki	PNNL - Hydrology
Gary M. Adkins	Tennessee Valley Authority (TVA) - Corporate Project Management
Michael McBrearty	TVA – Sequoyah Nuclear Plant (SQN) Site Licensing Manager
Henry Lee	TVA – Licensing
Chuck Wilson	TVA/RRC - License Renewal Environmental Review Manager
Doyle Pittman	TVA – Contractor
Jack Byers	TVA EP&C – Air
Dennis S. Baxter	TVA WEBR (ITMA) - Aquatic Monitoring
Jeff Simmons	TVA - Aquatic Biologist
John (Bo) Baxter	TVA ESA - Aquatic Ecology
Craig T. Phillips	TVA - Aquatic Community Ecologist
Pat Ezzell	TVA Specialist - Tribal Liaison
Steve Cole	TVA – Archaeologist
Richard Yarnell	TVA – Archaeologist

ENCLOSURE

Dam Kennon	TVA - Biologist
Clint Jones	TVA - Biology & Cultural
Adam Datillo	TVA EP&C - Botanist
Holly LeGrand	TVA EP&C - Terrestrial Zoology
James A. Cross	TVA - Chemical Environmental Engineer
Brad Love	TVA EP&C - SQN Environmental Sciences
Dawn Booker	TVA EP&C - SQN Environmental
Ruth Horton	TVA EP&C - Environmental
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Chris Ellis	TVA EP&C Env Sci. - ROW Maintenance
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Bobby Fesmire	TVA SQN - Emergency Planning
Al Salatka	TVA Corp NPG EP - Systems & Technology
Kenneth G. Wastrack	TVA-ITMA - Meteorologist
Jennifer Call	TVA-ITMA - Meteorologist
Duane Morris	TVA - Corporate Nuclear Engineering
Ching Guey	TVA - Probability Risk Assessments
Brad Moore	TVA - Right of Way Specialist
Paul Hopping	TVA - River Operations and Renewables
Denise Funderburk	TVA EP&C - Waste
Herb Hill	TVA SQN - Radwaste
Rohn Poe	TVA SQN - SIM
Don Goodin	TVA SQN - License Renewal
Evelyn Marie Williams	TVA SQN - License Renewal
Deb Luchsinger	Enercon/Entergy - License Renewal Application Project Manager
Francine Beck	Enercon
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* Off Site Participation