

OFFICIAL USE ONLY-SECURITY RELATED INFORMATION

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

July 13, 2016

Mr. Joseph W. Shea Vice President, Nuclear Licensing Tennessee Valley Authority 1101 Market Street, LP 3R-C Chattanooga, TN 37402-2801

SUBJECT: SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 - STAFF ASSESSMENT

OF RESPONSE TO 10 CFR 50.54(f) INFORMATION REQUEST – FLOOD-CAUSING MECHANISM REEVAL UATION (CAC NOS. MF6032 AND MF6033)

Dear Mr. Shea:

By letter dated March 12, 2012, the U.S. Nuclear Regulatory Commission (NRC) issued a request for information pursuant to Title 10 of the *Code of Federal Regulations*, Section 50.54(f) (hereafter referred to as the 50.54(f) letter). The request was issued as part of implementing lessons-learned from the accident at the Fukushima Dai-ichi nuclear power plant. Enclosure 2 to the 50.54(f) letter requested licensees to reevaluate flood-causing mechanisms using present-day methodologies and guidance. By letter dated March 12, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15071A462), Tennessee Valley Authority (TVA, the licensee) responded to this request for Sequoyah Nuclear Plant, Units 1 and 2 (Sequoyah).

By letter dated September 3, 2015 (ADAMS Accession No. ML15240A163), the NRC staff sent TVA a summary of the staff's review of the licensee's reevaluated flood-causing mechanisms. The enclosed staff assessment provides the documentation supporting the NRC staff's conclusions summarized in the letter. As stated in the letter, the reevaluated flood hazard results for local intense precipitation and streams and rivers were not bounded by the current design-basis flood hazard. In order to complete its response to Enclosure 2 to the 50.54(f) letter, the licensee is expected to submit a focused evaluation or an integrated assessment, as appropriate, to address these reevaluated flood hazards, as described in the NRC's September 1, 2015, letter (ADAMS Accession No. ML15174A257).

The Enclosure transmitted herewith contains Security-Related Information. When sep arated from the Enclosure, this document is decontrolled.

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J. Shea

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If you have any questions, please contact me at (301) 415-3809 or e-mail at Juan.Uribe@nrc.gov.

Sincerely,

Juan Uribe, Project Manager Hazards Management Branch Japan Lessons-Learned Division Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

Enclosure: Staff Assessment of Flood Hazard Reevaluation Report

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This closes out the NRC's efforts associated with CAC Nos. MF6032 and MF6033. If you have any questions, please contact me at (301) 415-3809 or e-mail at Juan.Uribe@nrc.gov.

Sincerely,

/RA/

Juan Uribe, Project Manager Hazards Management Branch Japan Lessons-Learned Division Office of Nuclear Reactor Regulation

Docket Nos. 50-327 and 50-328

Enclosure:

Staff Assessment of Flood Hazard Reevaluation Report

cc w/encl: Distribution via Listserv

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ADAMS Accession Nos.: Letter: ML16194A115 (PUBLIC), ML16188A274 (NON-PUBLIC) *via email

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DATE	07/13/2016	07/13/2016	

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