



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

July 1, 2013

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

SUBJECT: TENNESSEE VALLEY AUTHORITY COMMITMENT TO INSTALL IMPROVED
FLOOD MITIGATION SYSTEMS AT SEQUOYAH NUCLEAR PLANT, UNITS 1
AND 2, AND WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Shea:

By letter dated April 16, 2013, (Agencywide Documents Access and Management System Accession No. ML13108A107), the Tennessee Valley Authority (TVA) made commitments to improve the mitigation strategy for potential external flooding hazards at the Sequoyah Nuclear Plant (SQN), Units 1 and 2, and Watts Bar Nuclear Plant (WBN), Units 1 and 2. The milestone, commitments, and implementation dates as described in your letter are summarized as follows:

<u>MILESTONE</u>	<u>COMMITMENT</u>	<u>IMPLEMENTATION DATE</u>
1	Construction of structure	SQN: June 2015 WBN: November 2015
2	Develop diverse and redundant power supplies (diesel) for new system components	SQN: December 2015 WBN: August 2014
3	Install an enhanced flood mode system for decay heat removal	SQN: December 2016 WBN: December 2016
4	Install an enhanced flood mode RCS makeup system	SQN: December 2016 WBN: December 2016

The NRC acknowledges that these voluntary commitments are being made by TVA to improve the existing flood mitigating system established at SQN and WBN. We encourage these commitments to increase the safety margins of the established flood mitigation strategy for SQN and WBN. The NRC intends to review these modifications in accordance with our regulatory processes, as appropriate. If for any reason the actions cannot be completed within the specified schedule, TVA is requested to notify NRC in writing of your modified schedule in advance of the change.

J. Shea

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In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 2.390 of the NRC's "Rules of Practice," a copy of this letter and your response, if any, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

Victor M. McCree
Regional Administrator

Docket Nos.: 50-327, 50-328, 50-390,
and 50-391
License Nos: DPR-77, DPR-79, NPF-90
CPPR-92

cc: (See page 3)

J. Shea

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cc: (See page 3)

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NAME	JHamman	SShaeffer	RChoteau	JMevas	LWert	VMcCree	
DATE	07/01/2013	07/01/2013	07/01/2013	06/28/2013	07/01/2013	07/01/2013	
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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LETTER TO TVA.DOCX

J. Shea

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cc:

J. T. Carlin
Site Vice President
Sequoyah Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

P. R. Simmons
Plant Manager
Sequoyah Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

J. W. Proffitt
Manager, Site Licensing
Sequoyah Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

C. D. Mackaman
Program Manager, Corporate Licensing
Tennessee Valley Authority
Electronic Mail Distribution

Edward J. Vigluicci
Associate General Counsel, Nuclear
Tennessee Valley Authority
Electronic Mail Distribution

County Mayor
Sequoyah
208 Courthouse
625 Georgia Avenue
Chattanooga, TN 37402-2801

Tennessee Department of Environment &
Conservation
Division of Radiological Health
401 Church Street
Nashville, TN 37243

Mr. T. P. Cleary
Site Vice President
Watts Bar Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

Ann Harris
341 Swing Loop
Rockwood, TN 37854

David H. Gronck
Plant Manager
Watts Bar Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

Donna K. Guinn
Manager, Site Licensing
Watts Bar Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

Mr. E. D. Schroll
Manager, Corporate Licensing
Watts Bar Nuclear Plant
Tennessee Valley Authority
1101 Market Street, LP 4B-C
Chattanooga, TN 37402-2801

Gordon P. Arent
Senior Manager, Licensing WBN Unit 2
Watts Bar Nuclear Plant
Tennessee Valley Authority
Electronic Mail Distribution

County Mayor
Watts Bar Unit 1
P.O. Box 156
Decatur, TN 37322

County Executive
Watts Bar Unit 1
375 Church Street
Suite 215
Dayton, TN 37321

O. J. Zeringue
General Manager
Engineering and Construction
Watts Bar Nuclear Plant Unit 2
Electronic Mail Distribution

(cc continued next page)

J. Shea

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(cc: continued)

R. A. Hruby
General Manager, Technical Services
Watts Bar Nuclear Plant Unit 2
Tennessee Valley Authority
Electronic Mail Distribution

Preston D. Swafford
Chief Nuclear Officer and Executive Vice
President
Tennessee Valley Authority
Electronic Mail Distribution

Raul R. Baron
Senior Manager, Quality Assurance
Quality Assurance, WBN Unit Two
Tennessee Valley Authority
Electronic Mail Distribution

Lawrence Edward Nanney
Director
Division of Radiological Health
TN Dept. of Environment & Conservation
Electronic Mail Distribution

J. Shea

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Letter to Joseph W. Shea from Victor M. McCree dated July 1, 2013

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