



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402

CNL-15-207

September 24, 2015

10 CFR 50.4  
10 CFR 50.54(f)

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Watts Bar Nuclear Plant, Unit 2  
Construction Permit No. CPPR-92  
NRC Docket No. 50-391

Subject: **Watts Bar Nuclear Plant, Unit 2 - 30-Day Response to NRC  
Bulletin 2011-01, "Mitigating Strategies"**

- References
1. Letter from TVA to NRC, CNL-15-087, "Watts Bar Nuclear Plant, Unit 2 - Response to NRC Bulletin 2011-01, "Mitigating Strategies,"" dated June 29, 2015 [ML15181A362]
  2. Letter from TVA to NRC, "Watts Bar Nuclear Plant, Unit 2, Response to NRC Bulletin 2011-01, "Mitigation Strategies,"" dated July 18, 2011 [ML11201A303]
  3. Letter from TVA to NRC, "Response to NRC Bulletin 2011-01, "Mitigating Strategies,"" dated June 10, 2011 [ML11167A098]

The purpose of this letter is to provide Tennessee Valley Authority's (TVA) 30-day response to the subject Bulletin in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.54(f) for Watts Bar Nuclear Plant (WBN) Unit 2.

On May 11, 2011, the NRC issued Bulletin 2011-01, "Mitigating Strategies" and requested that each holder of an operating license for nuclear power reactors provide a comprehensive verification of their compliance with the regulatory requirements of 10 CFR 50.54(hh)(2).

In the requested action, licensees were required to confirm within 30 days continued compliance with 10 CFR 50.54(hh)(2) by providing information on their mitigating strategies programs. Within 60 days, the Bulletin required licensees to provide information that addressed measures that were currently in place, noting any additional planned actions with expected completion dates.

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On June 29, 2015, TVA provided the detailed and comprehensive WBN Unit 2 information requested of licensees for the 60-day response (Reference 1). In References 2 and 3, TVA stated that the approach for WBN Unit 2 would be consistent with actions taken for WBN Unit 1 and that information would be provided prior to WBN Unit 2 licensing. Information provided in Reference 1 satisfies that commitment. During completion of WBN Unit 2 operating license reviews, it was identified that the 30-day response had not been submitted by TVA.

Accordingly, the enclosure provides the response to the 30-day portion of the subject bulletin. There are no new regulatory commitments in this letter. Should you have questions regarding this submittal, please contact Gordon Arent at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 24th day of September 2015.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

Enclosure: Watts Bar Nuclear Plant Unit 2, 30-Day Response to NRC Bulletin 2011-01,  
"Mitigating Strategies"

cc (Enclosure):

NRR Director - NRC Headquarters  
NRO Director - NRC Headquarters  
NRR JLD Director - NRC Headquarters  
NRC Regional Administrator - Region II  
NRC Project Manager - Watts Bar Nuclear Plant, Unit 2  
NRC Senior Resident Inspector - Watts Bar Nuclear Plant, Unit 2

## ENCLOSURE

### Watts Bar Nuclear Plant Unit 2, 30-Day Response to NRC Bulletin 2011 01, “Mitigating Strategies”

#### ***NRC Requested Action***

*In order to confirm continued compliance with 10 CFR 50.54(hh)(2), within 30 days of the date of this bulletin, the NRC requests that licensees provide the following information on their mitigating strategies programs.*

- 1. Is the equipment necessary to execute the mitigating strategies, as described in your submittals to the NRC, available and capable of performing its intended function?*
- 2. Are the guidance and strategies implemented capable of being executed considering the current configuration of your facility and current staffing and skill levels of the staff?*

#### **Tennessee Valley Authority - Watts Bar Nuclear Plant Unit 2 Response**

1. Yes. The required materials and equipment to execute the mitigating strategies, as described in Watts Bar Nuclear Plant, Unit 2 - Response to NRC Bulletin 2011-01, “Mitigating Strategies” dated June 29, 2015 are available and capable of performing their intended function(s).
2. Yes. The guidance and implementing procedures are in place to accomplish the objectives of the strategies delineated for compliance with 10 CFR 50.54(hh)(2). Implementation of the strategies is supported by the current plant configuration, staffing levels and skill levels of the plant staff.