



Tennessee Valley Authority, Post Office Box 2000, Spring City, TN 37381-2000

May 24, 2010

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop: OWFN P1-35
Washington, D.C. 20555-0001

Watts Bar Nuclear Plant, Unit 2
NRC Docket No. 50-391

10 CFR 50.4

**Subject: WATTS BAR NUCLEAR PLANT (WBN) UNIT 2 FINAL SAFETY ANALYSIS
REPORT (FSAR) - REGULATORY COMMITMENT REGARDING
INSTRUMENTATION SETPOINT METHODOLOGY**

This letter responds to NRC's verbal request received during a teleconference held on April 29, 2010, regarding the instrumentation setpoint methodology to be utilized at WBN Unit 2. As a result of that teleconference, TVA commits to incorporate the instrumentation setpoint methodology that is consistent with WBN Unit 2 Licensing Bases into the WBN Unit 2 FSAR no later than Amendment 100.

The enclosure to this letter provides the Regulatory Commitment contained in this letter. If you have any questions, please contact William Crouch at (423) 365-2004.

Sincerely,


Masoud Bajestani
Watts Bar Unit 2 Vice President

Enclosure: Regulatory Commitment

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cc (Enclosure):

U. S. Nuclear Regulatory Commission
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Watts Bar Nuclear Plant
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Spring City, Tennessee 37381

ENCLOSURE

**WATTS BAR NUCLEAR PLANT (WBN) UNIT 2 FINAL SAFETY ANALYSIS REPORT -
REGULATORY COMMITMENT REGARDING INSTRUMENTATION SETPOINT METHODOLOGY**

Regulatory Commitment

The following Regulatory Commitment is contained in this letter:

TVA commits to incorporate the instrumentation setpoint methodology that is consistent with WBN Unit 2 Licensing Bases into the WBN Unit 2 FSAR no later than Amendment 100.