



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

August 11, 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 – NRC AUGUST 3-4, 2010,  
INSTRUMENTATION AND CONTROLS MEETING – REQUEST FOR  
ADDITIONAL INFORMATION**

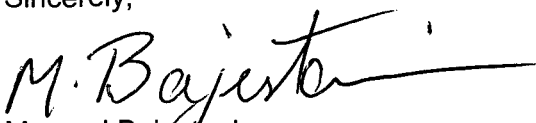
The purpose of this letter is to provide the documents that NRC Staff requested during the meeting held at TVA's facilities located in Knoxville, Tennessee, on August 4, 2010. Specifically, NRC requested TVA to provide the following documents:

- Item 1: Watts Bar Nuclear Plant Unit 1/Unit 2, Design Criteria Document No. WB-DC-30-29, Revision 8, titled "Plant Integrated Computer System (ICS)," dated August 10, 2009
- Item 2: Nuclear Power Group Calculation titled "Segmentation Analysis for WBN Unit 2 DCS (Distributed Control System)," dated August 2, 2010, Revision 0

Enclosures 1 and 2 contain these two documents. This letter does not contain any new commitments. Executed on the 11<sup>th</sup> day of August, 2010.

If you have any questions, please contact William Crouch at (423) 365-2004.

Sincerely,



Masoud Bajestani  
Watts Bar Unit 2 Vice President

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NRK

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Enclosures:

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cc (Enclosures):

U. S. Nuclear Regulatory Commission  
Region II  
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