



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

March 18, 2013

10 CFR 50.36

10 CFR 2.336

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

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

**Subject: Watts Bar Nuclear Plant, Unit 2 – Supplemental Condenser Cooling
Water Thermal Mixing Reports**

This letter provides six TVA environmental reports verbally requested on February 27, 2013. The reports provide information related to the thermal mixing of the discharge of the Supplemental Condenser Cooling Water (SSCW) with the Tennessee River below Watts Bar Dam. The reports cover the time period of 2010 through 2012.

There are no regulatory commitments associated with this letter. If you have any questions, please contact Gordon Arent at (423) 365-2004.

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 18th day of March, 2013.

Respectfully,

A handwritten signature in black ink that reads "R. A. Hruby, Jr." in a cursive style.

Raymond A. Hruby, Jr.
General Manager, Technical Services
Watts Bar Unit 2

ADD1
NRR

Enclosures:

1. Summer 2010 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone
2. Winter 2010 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone
3. Summer 2011 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone
4. Winter 2011 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone
5. Summer 2012 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone
6. Winter 2012 Compliance Survey for Watts Bar Nuclear Plant Outfall Passive Mixing Zone

cc (Enclosures):

U. S. Nuclear Regulatory Commission
Region II
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245 Peachtree Center Ave., NE Suite 1200
Atlanta, Georgia 30303-1257

NRC Resident Inspector Unit 2
Watts Bar Nuclear Plant
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