

June 14, 2011

Mr. Ashok S. Bhatnagar
Senior Vice President
Nuclear Generation Development
and Construction
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, TN 37402-2801

SUBJECT: ISSUANCE OF SPECIAL NUCLEAR MATERIALS LICENSE NO. SNM-2014 FOR
WATTS BAR NUCLEAR PLANT, UNIT 2 (TAC L32918)

Dear Mr. Bhatnagar:

The U.S. Nuclear Regulatory Commission (NRC) has issued Materials License SNM-2014 (Enclosure 1), pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 70, for Watts Bar Nuclear Plant (WBN), Unit 2. By letter, dated November 12, 2009, (Agencywide Documents Access and Management System [ADAMS] Accession Number ML100120487), and supplemented on July 30 (ADAMS Accession Number ML103570133), September 17 (ADAMS Accession Number ML102600474), and September 21, 2010 (ADAMS Accession Number ML102640358), and January 25 (ADAMS Accession Number ML110280191), and April 29, 2011 (ADAMS Accession Number ML11124A059), Tennessee Valley Authority (TVA) requested a license to authorize the receipt, possession, inspection, and storage of special nuclear material (SNM) in the form of 193 fresh fuel assemblies at WBN, Unit 2 in Spring City, Tennessee. TVA plans to use this SNM in the future operation of its proposed WBN, Unit 2.

The license is set to expire on June 30, 2013. This 10 CFR Part 70 license is issued following the preparation and publication of an Environmental Assessment (EA) and a Finding of No Significant Impact (FONSI) related to this action. The EA and FONSI were published in the *Federal Register* on June 13, 2011 (76 FR 34273).

Upon issuance of this license, TAC L32918 will be closed.

In accordance with 10 CFR 2.390 of the U.S. Nuclear Regulatory Commission's (NRC's) "Rules of Practice," a copy of this letter and the enclosures will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records System component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions regarding this matter, please contact either Marilyn Diaz at (301) 492-3172, Marilyn.Diaz@nrc.gov or Rafael L. Rodriguez at (301) 492-3111, Rafael.Rodriguez@nrc.gov.

Sincerely,

/RA/

Thomas G. Hiltz, Acting Deputy Director
Fuel Facility Licensing Directorate
Division of Fuel Cycle Safety
and Safeguards
Office of Nuclear Material Safety
and Safeguards

License No. SNM-2014
Docket No. 70-7018

Enclosures:

1. Materials License SNM-2014
2. Safety Evaluation Report

cc (w/o enclosures): Distribution via Listserv

If you have any questions regarding this matter, please contact either Marilyn Diaz at (301) 492-3172, Marilyn.Diaz@nrc.gov or Rafael L. Rodriguez at (301) 492-3111, Rafael.Rodriguez@nrc.gov.

Sincerely,

/RA/

Thomas G. Hiltz, Acting Deputy Director
 Fuel Facility Licensing Directorate
 Division of Fuel Cycle Safety
 and Safeguards
 Office of Nuclear Material Safety
 and Safeguards

License No. SNM-2014
 Docket No. 70-7018

Enclosures:

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***via e-mail**

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