

August 6, 2015

Mr. Tony England, Manager
Licensing and Safety Analysis
BWXT Nuclear Operations Group, Inc.
P.O. Box 785
Lynchburg, VA 24505-0785

SUBJECT: AMENDMENT 22 - APPROVAL OF FUNDAMENTAL NUCLEAR MATERIAL
CONTROL PLAN (TECHNICAL ASSIGNMENT CONTROL NUMBER L33355)

Dear Mr. England:

This refers to letter 14-122, dated November 14, 2014, which submitted the October 8, 2014, revision of the Fundamental Nuclear Material Control Plan, which included minor changes made in accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 70.32.

The U.S. Nuclear Regulatory Commission (NRC) has completed its review of all the changes, and they are found to be acceptable, based on discussions with BWXT Nuclear Operations Group staff, and your written responses to Requests for Additional Information (RAI), as provided in your April 17, 2015, letter 15-056; and June 10, 2015, letter 15-077. A Safeguards Evaluation Report is enclosed.

Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Safeguards Condition SG-5.1 to reflect the revision dated October 8, 2014.

On April 30, 2015, the NRC approved Revision 27 of the site Emergency Plan, dated October 30, 2014. Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Condition S-2 to reflect Revision 27 of the Plan.

On June 24, 2015, the NRC approved Revision 17 of the site Physical Protection Plan, transmitted by your letter 15-030 dated March 17, 2015, and as supplemented by your RAI response dated May 28, 2015. Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Safeguards Condition SG-6.1 to reflect Revision 17 of the Plan.

Safety Condition S-1 has been revised to include the dates of November 14, 2014, March 17, 2015, April 17, 2015, May 28, 2015, and June 10, 2015.

Enclosures 2 and 3 contain Security-Related Information. When separated from Enclosures, this letter is decontrolled

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room, or from the Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Your letter has been made publically available after separation from Enclosures 2 and 3. The Plan and responses to the RAI remain protected as Confidential National Security Information. Enclosures 2 and 3 of this letter will not be available to the public.

Technical Assignment Control Number L33355 is CLOSED.

If you have any questions, feel free to contact me at (301) 415-7119, or via e-mail to Merritt.Baker@nrc.gov.

Sincerely,

/RA/

Merritt N. Baker, Senior Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-27
License No. SNM-42

Enclosures:

1. Amendment 22 to Materials License
SNM-42 (Public version)
2. Amendment 22 to Materials License
SNM-42 (Non-Public version)
3. Safeguards Evaluation Report (Non-Public)

Enclosures 2 and 3 contain Security-Related Information. When separated from Enclosures, this letter is decontrolled
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T. England

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If you have any questions, feel free to contact me at (301) 415-7119, or via e-mail to Merritt.Baker@nrc.gov.

Sincerely,

/RA/

Merritt N. Baker, Senior Project Manager
Fuel Manufacturing Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-27
License No. SNM-42

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2. Amendment 22 to Materials License
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