



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

January 25, 2017

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

SUBJECT: AMENDMENT 24 - APPROVAL OF REVISION 20 OF THE SITE PHYSICAL  
PROTECTION PLAN (COST ACTIVITY CODE L33422)

Dear Mr. Terry:

This refers to letter 16-075, dated August 24, 2016, which submitted Revision 20 of the site Physical Protection Plan, that included both major and minor changes made in accordance with the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) Sections 70.32 and 70.34.

The U.S. Nuclear Regulatory Commission (NRC) has completed its review of all the changes, and has found the changes to be acceptable, based on discussions with BWXT Nuclear Operations Group staff, and your written response to a Request for Additional Information (RAI), as provided in your November 18, 2016, letter 16-105. A **CONFIDENTIAL** Safeguards Evaluation Report (SER) will be sent under separate cover, and is not part of this package.

In addition, the NRC staff finds that the Plan satisfies the commitments made in your June 30, 2015 letter (Agencywide Documents Access and Management System [ADAMS] Accession Number ML15189A039) to implement a fatigue management program in the Plan. The SER is enclosed.

Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Safeguards Condition SG-6.1 to reflect Revision 20 of the Physical Protection Plan.

On June 17, 2016, the NRC approved Revision 28 of the site Emergency Plan, submitted by your letter 16-028, dated April 11, 2016. Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Condition S-2 to reflect Revision 28 of the Plan.

On October 31, 2016 the NRC approved the March 11, 2016 revision of the site Fundamental Nuclear Material Control Plan, transmitted by your letter 16-036 dated May 12, 2016. Pursuant to 10 CFR Part 70, Materials License SNM-42 is hereby amended to revise Safeguards Condition SG-5.1 to reflect the March 11, 2016 revision of the Plan.

Safety Condition S-1 has been revised to include the dates of April 11, 2016, May 12, 2016, August 24, 2016, and November 18, 2016.

Enclosures 2 and 3 contain <b>Security-Related</b> Information. When separated from the Enclosures, this letter is decontrolled.
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C. Terry

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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 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.

Cost Activity Code L33422 is CLOSED.

If you have any questions, please contact me at by Telephone at (301) 415-7119, or via e-mail to [Merritt.Baker@nrc.gov](mailto: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 24 to Materials License  
SNM-42 (Public version)
2. Amendment 24 to Materials License  
SNM-42 (Non-Public)
3. Safeguards Evaluation Report (Non-Public)

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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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**Package No.: ML17018A351**

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