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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

August 15, 2016

Mr. B. J. Burch, General Manager
BWXT Nuclear Operations Group, Inc.
P.O. Box 785
Lynchburg, VA 24505-0785

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION INSPECTION REPORT
NUMBER 70-27/2016-402

Dear Mr. Burch:

The U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection of the Material Control and Accounting (MC&A) safeguards program at the BWXT Nuclear Operations Group Lynchburg facility (BWXT NOG) from July 18 - 21, 2016. The purpose of this inspection was to determine whether activities authorized by the license were conducted safely and in accordance with NRC requirements. The enclosed report presents the results of the inspection that were discussed with members of your staff during an exit meeting held at the conclusion of the inspection on July 21, 2016.

This inspection examined activities conducted under your license as they relate to public health and safety, the common defense and security, and to confirm compliance with the Commission's rules, regulations, and the conditions of your license. Areas examined during this inspection included management structure, item monitoring, process monitoring, measurement systems and control, physical inventory, internal control, alarm resolution, assessment, and recordkeeping. Within these areas, the inspection consisted of performance tests, selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress. No findings of significance were identified in this inspection.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," 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 Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

The enclosure contains Sensitive Unclassified Non Safeguards Information (Security-Related Information). Upon separation, this cover letter is DECONTROLLED.

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The enclosed inspection report contains Security-Related Information in accordance with 10 CFR 2.390(d)(1) and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the enclosure will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Should you have any questions concerning this report, please contact Manuel Crespo at 404-997-4733, or via e-mail to manuel.crespo@nrc.gov.

Sincerely,

/RA/ M. Crespo for

Omar R. López-Santiago, Chief
Safety Branch
Division of Fuel Facility Inspection

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

~~Enclosure:~~
~~NRC Inspection Report No. 70-27/2016-402~~
~~w/Attachment: Supplementary Information~~

cc:
M. C. Suwala
Nuclear Material Control
BWXT Nuclear Operations Group, Inc.
P.O. Box 785
Lynchburg, VA 24505-0785

Chris Terry
Licensing and Safety Analysis
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Steve Harrison, Director
Division of Radiological Health
Department of Health
109 Governor Street, Room 730
Richmond, VA 23219

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ADAMS: Yes ACCESSION NUMBER:ML16228A057y SUNSI REVIEW COMPLETE FORM 665 ATTACHED

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NAME	OLopez						
DATE	8/15/2016	8/ /2016	8/ /2016	8/ /2016	8/ /2016	8/ /2016	8/ /2016
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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Letter to Mr. B. J. Burch from Omar R. López-Santiago dated August 15, 2016

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION INSPECTION REPORT
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