



~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

July 12, 2019

Mr. B. Joel Burch  
Vice President and General Manager  
BWX Technologies  
Nuclear Operations Group, Inc.  
P.O Box 785  
Lynchburg, VA 24505-0785

SUBJECT: BWXT NUCLEAR OPERATIONS GROUP, INC., U.S. NUCLEAR REGULATORY  
COMMISSION INSPECTION REPORT 07000027/2019-405

Dear Mr. Burch:

This letter refers to the inspection conducted from June 24-28, 2019, at your Mt. Athos facility located in Lynchburg, VA. The purpose of the inspection was to determine whether activities authorized by the license were conducted safely, and in accordance with the Nuclear Regulatory Commission (NRC) requirements. At the conclusion of the inspection, the findings were discussed with you and other members of your staff on June 27, 2019.

This inspection examined activities conducted under your license as they relate to, security equipment testing and maintenance, physical protection of shipments of special nuclear material of moderate and low strategic significance, and a follow up on safeguards events. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations of activities in progress.

Based on the results of the inspection, the NRC determined that a Severity Level (SL) IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy. The violation warranted licensee identification credit because the licensee demonstrated initiative in identifying the violation's root cause. Additionally, the licensee took prompt and comprehensive corrective actions including a commitment to take, within a reasonable time, additional corrective action to prevent recurrence. Therefore, the violation is being treated as a Non-Cited Violation (NCV). The NCV is described in the subject inspection report. If you contest the violation or significance of the violation, you should provide

~~Enclosure(s) transmitted herewith contain(s) SUNSI. When separated from enclosure(s), this transmittal document is decontrolled.~~

~~LIMITED-INTERNAL  
DISTRIBUTION PERMITTED~~

~~OFFICIAL USE ONLY – SECURITY RELATED INFORMATION~~

B. Burch

2

a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001, with copies to: (1) the Regional Administrator, Region II; (2) the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and (3) the NRC resident inspector at your Lynchburg facility. 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 letter, please contact us.

Sincerely,

**/RA/**

Binoy Desai, Chief  
Plant Support Branch  
Division of Reactor Safety

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

Enclosure:—  
NRC IR 70-27/2019-405 w/ Attachment:  
—Supplemental Information

cc: see page 3

B. Burch

3

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

~~OFFICIAL USE ONLY – SECURITY-RELATED INFORMATION~~

B. Burch

3

SUBJECT: BWXT NUCLEAR OPERATIONS GROUP, INC., U.S. NUCLEAR REGULATORY COMMISSION INSPECTION REPORT 07000027/2019-405 dated July 12, 2019

**DISTRIBUTION:**

E. Michel, RII  
A. Alen, RII  
N. Simonian, NSIR  
Doug Huyck, NSIR  
Daryl Johnson, NSIR/DSO/SOSB  
R. Johnson, NMSS  
M. Baker, NMSS  
RIDSNNRRDIRS

\*See previous page for concurrence

PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: **ML 19193A176**       SUNSI REVIEW COMPLETE       FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS	RII:DFFI				
SIGNATURE	OXs	BBD	ECM2				
NAME	O.Smith	B.Desai	E.Michel				
DATE	07/ 11 /2019	07/11 /2019	07/ 11 /2019				
E-MAIL COPY?	YES    NO	YES    NO	YES    NO				

OFFICIAL RECORD COPY      DOCUMENT NAME: G:\DRS\I\PSB\I\FUEL FACILITIES\BWXT NOG  
INC\REPORTS\2019\BWXT REPORT 2019-405.DOC