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

April 17, 2017

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

SUBJECT: STAFF EVALUATION OF BWXT NUCLEAR OPERATIONS GROUP, INC., LYNCHBURG FACILITY RESPONSE TO GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES" FOR ITS FACILITY IN LYNCHBURG, VIRGINIA

Dear Mr. Terry:

On June 22, 2015, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 2015-01, "Treatment of Natural Phenomena Hazards in Fuel Cycle Facilities" (Agencywide Documents Access and Management System [ADAMS] Accession Number ML14328A029). The GL 2015-01 was issued for two purposes: (1) to request that addressees submit information to demonstrate compliance with regulatory requirements and applicable license conditions regarding the treatment of natural phenomena events in the facilities' integrated safety analysis; and (2) to determine if additional NRC regulatory action is necessary to ensure that licensees comply with their licensing basis and existing NRC regulations.

The NRC staff completed its evaluation of the BWXT Nuclear Operations Group, Inc. (BWXT or Licensee) response to GL 2015-01 dated September 18, 2015 (ADAMS Accession Number ML15272A314), including the response to a telecom (ADAMS Accession Number ML16068A155), the request for supplemental information dated July 14, 2016 (ADAMS Accession Number ML16202A043), and September 2, 2016 (ADAMS Accession Number ML16258A338). The NRC staff evaluation report is enclosed.

The NRC staff will perform an inspection using Temporary Instruction 2600/016, "Inspection Activities Associated with GL 2015-01," (ADAMS Accession Number ML15317A506) to independently verify implementation of controls regarding the treatment of Natural Phenomena Hazards (NPH) in the BWXT Integrated Safety Assessment Summary and to inform the closure process of NRC GL 2015-01. The results of these regulatory activities will allow the staff to verify that BWXT demonstrates compliance with regulatory requirements and applicable license conditions regarding the treatment of NPH at the BWXT facility.

In accordance with Title 10 of the *Code of Federal Regulations* Section 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 Publicly Available Records System component of the NRC's ADAMS. ADAMS is accessible from the NRC Web site at http://www.nrc.gov/reading-rm/adams.html.

Sincerely,

**/RA/**

Margie A. Kotzalas, Chief
Programmatic Oversight
and Regional Support Branch
Division of Fuel Cycle Safety, Safeguards,
and Environmental Review
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-00027
License No. SNM-42

Enclosure:
Evaluation Report

STAFF EVALUATION OF BWXT NUCLEAR OPERATIONS GROUP, INC., LYNCHBURG FACILITY RESPONSE TO GENERIC LETTER 2015-01, "TREATMENT OF NATURAL PHENOMENA HAZARDS IN FUEL CYCLE FACILITIES" FOR ITS FACILITY IN LYNCHBURG, VIRGINIA

DATED: APRIL 16, 2017

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**ADAMS Package Accession Number: ML17087A252** *** via E-mail**

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