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BWX Technologies, Inc.

January 30, 2017  
18-008

ATTN: Document Control Desk  
Director, Office of Nuclear Material Safety and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Reference: License No. SNM-42, Docket 70-27

Subject: Annual Summary of Changes and Revised Integrated Safety Analysis

Dear Sir or Madam:

BWXT Nuclear Operations Group, Inc.- Lynchburg (BWXT NOG-L), is submitting to the U.S. Nuclear Regulatory Commission (NRC) a summary of changes for calendar year 2017 for the Lynchburg facility in accordance with 10 CFR 70.72(d)(2), and is contained in **Enclosure 1**. All of these changes were evaluated against §70.72(c)(1)(i), (c)(1)(ii), (c)(2), (c)(3), and (c)(4), and were determined not to require prior NRC approval.

A complete copy of the Integrated Safety Analysis (ISA) Summary and all revisions that were completed during the calendar year 2017 have also been provided in accordance with 10 CFR 70.72(d)(3), and are contained in **Enclosure 2**. The ISA Summary consists of an Introduction and Generic Accident Analyses document, 34 separate Safety Analysis Reports (SARs) and seven Facility Siting Reviews (FSRs). These documents have been designated as either Confidential Restricted Data, Confidential National Security Information, or Official Use Only, and have been individually marked with the appropriate classification level. **This information must be managed on a strictly need-to-know basis.** The Introduction and Generic Accident Analyses document contains information generic to all SARs including natural phenomena and potential worst case scenarios. These generic accident analyses bound the scenarios described in the SARs.

Document transmitted herewith  
Contains **RESTRICTED DATA**

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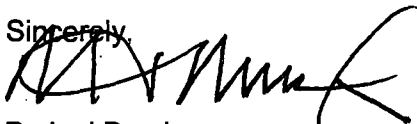
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A determination was made regarding the SARs and FSRs that are marked "Official Use Only". These documents contain information, which has been determined to have the potential to damage governmental, commercial, or private interests if disseminated to persons who do not need the information to perform their jobs and have been categorized as such. These SARs and FSRs should be withheld from public disclosure in accordance with the guidelines for protection of information designated as "Official Use Only".

If you have questions or require additional information, please contact Chris Terry, Manager of Licensing and Safety Analysis, at [cterry@bwxt.com](mailto:cterry@bwxt.com) or 434-522-5202.

Sincerely,



B. Joel Burch  
Vice President and General Manager  
BWXT Nuclear Operations Group, Inc. – Lynchburg

Enclosures

cc: NRC, Resident Inspector  
NRC, Merritt Baker  
NRC, Regional Administrator, Region II

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**List of Enclosures**

Enclosure 1 – Summary of Changes

Enclosure 2 – 2017 Integrated Safety Analysis Summary

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## **ENCLOSURE 1**

### **Summary of Changes**

Derived from: DOE-DOD Classification Guide  
CG-RN-1 Revision 3 dtd February 1996  
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**ENCLOSURE 2**

**2017 Integrated Safety Analysis Summary**

Classified by:           *Stephen L. Worick*          

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