



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

June 16, 2016

Mr. Christopher Terry, Manager  
Licensing and Safety Analysis  
BWXT  
P.O. Box 785  
Lynchburg, VA 24505

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION PLAN FOR THE AUDIT OF  
BWXT

Dear Mr. Terry:

This letter documents the U.S. Nuclear Regulatory Commission (NRC) staff's plan to perform a regulatory audit of BWXT's Chemical Safety Program. This audit includes a review of the Integrated Safety Analysis (ISA) identification and analysis of acute chemical exposures as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 70.61 and 10 CFR 70.62. The audit will be conducted during a 2-day site visit on June 20-21, 2016. The NRC staff will develop an audit summary report to document its observations within 90 days of the completion of the audit.

The audit will provide the NRC with a better understanding of the chemical safety analyses and practices that BWXT uses to identify and manage acute chemical exposures, including dermal and ocular exposure hazards. The information gathered will help the NRC staff make an informed decision on whether there is a chemical safety issue that warrants additional regulatory action. This information is related to the technical topics addressed in draft interim staff guidance, "Guidance on the Evaluation of Acute Chemical Exposures and Quantitative Standards."

The enclosed audit plan outlines the process that the NRC staff will use to gather information necessary to close this issue, and resolve technical concerns.

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C. Terry

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If you have any questions, please contact Marilyn Diaz of my staff at (301) 415-7110, or by e-mail at [Marilyn.Diaz@nrc.gov](mailto:Marilyn.Diaz@nrc.gov).

Sincerely,

**/RA/**

Robert K. Johnson, Chief  
Fuel Manufacturing Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Materials Safety  
and Safeguards

Docket No. 07000027  
License No. SNM-42

Enclosure:  
Audit Plan

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Audit Plan

DISTRIBUTION: M. Baker, NMSS O. Lopez, RII

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<b>OFC</b>	FCSE/FMB	FCSE/FMB	FCSE/FMB
<b>NAME</b>	MDiaz	DMiller	RKJohnson
<b>DATE</b>	06/15/2016	06/16/2016	06/16/2016

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