

February 20, 2018

Dr. Wesley Patrick, Executive Director
Center for Nuclear Waste Regulatory Analyses
Southwest Research Institute
6220 Culebra Road
San Antonio, TX 78238-5166

SUBJECT: U.S. NUCLEAR REGULATORY COMMISSION STAFF OBSERVATION OF THE
FISCAL YEAR 2017 CENTER FOR NUCLEAR WASTE REGULATORY
ANALYSES QUALITY ASSURANCE AUDIT 2017-1

Dear Dr. Patrick:

On December 5-7, 2017, quality assurance (QA) and technical staff from Southwest Research Institute (auditors) conducted the Fiscal Year 2017 Center for Nuclear Waste Regulatory Analyses (CNWRA) QA Audit 2017-1 in San Antonio, Texas. The U.S. Nuclear Regulatory Commission (NRC) staff from the Office of Nuclear Material Safety and Safeguards (observer) observed the audit.

The objective of the Audit 2017-1 was to evaluate the CNWRA QA program to determine whether it met applicable requirements and was being effectively implemented. The objective of the observer was to evaluate the effectiveness of the audit process and the implementation of the QA program. The observer concluded that the audit process was well-planned, thorough, effective, and performed in a professional manner. The auditors developed and used audit checklists that were comprehensive and effective in providing guidance to the auditors. The CNWRA Audit Team Leader provided ample opportunities for the observer to provide comments and ask questions throughout the audit process. The auditors and observer discussed potential findings with CNWRA management during caucuses, audit debriefs, and at the post-audit meeting.

The observer determined that the audit achieved its objectives of evaluating the CNWRA QA program to verify that it met applicable requirements and was effectively implemented. The observer determined that the audit was effective in reviewing, evaluating, and determining compliance with procedural requirements in the areas controlled by the QA program. The observer agreed with the auditors' conclusion that the QA program was effectively implemented. Enclosed is the NRC observation audit report for CNWRA QA Audit 2017-1.

If you have any questions, please contact Mr. Jon Woodfield at (301) 415-8727 or by e-mail at: jon.woodfield@nrc.gov.

Sincerely,

/RA/

Anthony Hsia, Deputy Director
Division of Spent Fuel Management
Office of Nuclear Material Safety
and Safeguards

Enclosure:

U.S. Nuclear Regulatory Commission
Staff Observation of the Fiscal Year
2017 Center for Nuclear Waste Regulatory
Analyses Quality Assurance Audit 2017-1

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FISCAL YEAR 2017 CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY
ASSURANCE AUDIT 2017-1, DOCUMENT DATE: FEBRUARY 20, 2018

DISTRIBUTION: NMSS r/f CNWRA SMcCubbin ADM

**G:/SFST/TSISQA/INSPECTION REPORTS/Southwest Research Institute/SwRI CNWRA
2017 Audit Observer Report Cover Letter.docx & Enclosure.docx**

**ADAMS Package Nos.: ML18045A148 Letter: ML18045A149 Enclosure:
ML18045A150**

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| OFC | NMSS/DSFM/IOB | E | OGC | E | NMSS/DSFM/IOB | E |
| NAME | JWoodfield | | RBaum NLO via e-mail | | MDavis for PSilva via e-mail | |
| DATE | 2/2/2018 | | 2/13/2018 | | 2/14/2018 | |
| OFC | NMSS/DSFM | E | | | | |
| NAME | AHsia | | | | | |
| DATE | 2/20/18 | | | | | |

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