

60/71



# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

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**SURVEILLANCE SCOPE:** Surveillance activities on the Repository Design & Thermal-Mechanical Effects Key Technical Issue

**REFERENCE DOCUMENTS:** FY99 Quality Requirements Application Matrix; CNWRA HLW Operations Plans, Rev 12 Chg 1; QAP-004 Surveillance Control Procedure

**STARTING DATE:** January 29, 1999      **ENDING DATE:** January 29, 1999

**QA REPRESENTATIVE:** Mark R. Ehnstrom 


**PERSONS CONDUCTING ACTIVITY:** Simon Hsiung and Goodluck Ofoegbu

**SATISFACTORY FINDINGS:**  
Discussions were held with Dr. Hsiung concerning current project activities with the Repository Design and Thermal-Mechanical Effects KTI. Current project activities do not include the use of any critical equipment or controlled samples. These activities may occur later in the year. Technical reviews are being performed on DOE-supplied documents. A conference paper titled "Long Term TM Effect on Repository Design/Performance: Continuum Model," Milestone No. 671-940, was reviewed with no comment. Professional Personnel Qualification files were reviewed for 3 individuals identified during the surveillance as providing consultation. The files for these individuals, Drs. Krauthammer, Unrug, and Mr. Nagy were reviewed and were found to be compliant with procedural requirements. Scientific Notebook 263, issued to Dr. Ofoegbu, was reviewed for compliance to QAP-001 with no comment.

**UNSATISFACTORY FINDINGS:** None  
**NONCONFORMANCE REPORT NO.:** N/A

**ATTACHMENTS:** None

**RECOMMENDATIONS/ACTIONS:** None

**APPROVED:**   
CENTER DIRECTOR OF QUALITY ASSURANCE  
  
**DATE:** 2/15/99

**DISTRIBUTION:**  
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