



# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.:20-5702-023 & -191

REPORT NO.:93-06

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**SURVEILLANCE SCOPE:** Review of Experimental Preparations for Thermohydrology Research Task 3 and Performance Assessment Research, Task 1

**REFERENCE DOCUMENTS:**N/A

**STARTING DATE:** 6/9/93

**ENDING DATE:** 6/9/93

**QA REPRESENTATIVE:** R. D. Brient

**PERSONS CONDUCTING TEST/EXAM/ACTIVITY:** Kristi Meyer, Terrie Perry, Randy Manteufel

**SATISFACTORY FINDINGS:**

1. The laboratory apparatus and experimental methods were reviewed with the two investigators. Calibration requirements and test instrumentation was discussed. The majority of the test instruments (manometers, pipets, burettes) do not require calibration. Several pressure gauges had just been returned from the SwRI calibration lab, and had appropriate labels affixed.
2. The most recent Scientific Notebook was reviewed, and QAP-001 requirements, as applied to (new) notebooks for the current activities were reviewed.
3. These experiments will be using rock samples collected under other research projects. Sample control requirements of TOP-012, which need to be implemented for the samples to be used for these projects, were discussed with the Principle Investigator and Investigators. The Thermohydrology/PA Research group has not had samples in the past, so they have not yet established sample identification schemes or implemented a sample control log.

**UNSATISFACTORY FINDINGS:** none

**NONCONFORMANCE REPORT NO.:** none

**ATTACHMENTS:** none

**RECOMMENDATIONS/ACTIONS**

Sample controls in accordance with TOP-012 are required to be implemented for these activities before sample preparation and testing begins. As indicated, applicable requirements have been discussed with the P.I. and investigators.

Training for QAP-001 (Scientific Notebooks) and TOP-012 (Sample Control) is planned to refresh part-time staff.

APPROVED:   
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: 6/9/93

**DISTRIBUTION:**

ORIGINAL - CENTER QA DIRECTOR

ORIGINATOR

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