

9/3/90



# CENTER FOR NUCLEAR WASTE REGULATORY ANALYSES QUALITY ASSURANCE SURVEILLANCE REPORT

PROJECT NO.: 20-3704-022

REPORT NO.: 90-004

PAGE 1 OF 1

**SURVEILLANCE SCOPE:**

Thermohydrology Research Project Task 2 Separate Effects Experiments  
Determination or Moisture Release Curves, ASTM-D2325

**REFERENCE DOCUMENTS:**

Thermohydrology Research Project Plan, ASTM-D2325

STARTING DATE: 5/31/90

ENDING DATE: 5/31/90

QA REPRESENTATIVE: R.D. Brient *RB*

**PERSONS CONDUCTING TEST / EXAM / ACTIVITY:**

M. Lewis (06), R. Green (20)

**SATISFACTORY FINDINGS:**

1. The test apparatus as assembled and described in the Scientific Notebook appears to address the intent of ASTM D-2325 "Standard Test Method for capillary-moisture relationships for coarse- and medium-textured soils by porous plate apparatus." The test set-up uses a Tempe cell which is a standard cell for this type of test.
2. Both a pressure transducer and a U-tube manometer are connected into the system to monitor pressures. The U-tube was used to calibrate the transducer and provide cross checks when monitoring pressures periodically.
3. Scientific Notebook initial and periodic entries are being made as required.

**UNSATISFACTORY FINDINGS:**

None.

NONCONFORMANCE REPORT NO.: N/A

ATTACHMENTS: None

**RECOMMENDATIONS / ACTIONS**

None

APPROVED: \_\_\_\_\_

*[Signature]*  
CENTER DIRECTOR OF QUALITY ASSURANCE

DATE: \_\_\_\_\_

*65/1/90*

**DISTRIBUTION:**

- ORIGINAL - CENTER QA DIRECTOR
- ORIGINATOR *RB*
- PRINCIPAL ENGINEER *E. GREEN*
- ELEMENT MANAGER *J. Russell*