SUBJECT: FRAMEWORK OF DOE'S SITE CHARACTERIZATION TESTING PROGRAM

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LAS VEGAS, NEVADA
OCTOBER 19-20, 1993
Testing Phases

Test Planning

Issue SCP in 1988

Baseline Requirements

Issue Study Plan

Authorize Work

To Field

To Laboratory

Test Implementation

Prepare Test Planning Package

Prepare Job Package

Design Test Facility

Construct Test Facility

Conduct Test

Evaluate Results

STOP Test

Continue Test

Test Evaluation
Test Planning

- Analyze regulations
- Develop strategy to resolve regulatory issues
- Outline testing program
- Provide additional detail on individual studies
- Can be accomplished months to years before fielding a test
Test Implementation

- Prioritization is based on Project guidance, technical data needs, and resources
- Specific work instructions are developed within months or weeks of actual start of testing
- Tests are conducted according to work plans
Test Evaluation

- Data from individual tests are evaluated and results are fed back to guide subsequent testing
- Data are evaluated by a variety of end users
  - Performance assessment
  - Design
  - Regulatory
- Decisions are made whether to continue, to modify, or to stop a testing program
Conclusion

- For most of the two days, we will be discussing the middle of the process -- test implementation
  - Surface-based testing
  - Underground testing
- An important part of the process is performed before testing is implemented -- test planning
- An equally important part of the process is performed after testing is completed -- test evaluation