



Department of Energy

Washington, DC 20585

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Mr. Joseph J. Holonich, Director
Repository Licensing & Quality Assurance
Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Holonich:

Enclosed are corrected lists of technical procedures to replace those that were provided with the transmittals of Study Plans 8.3.1.15.1.1, "Laboratory Thermal Properties," and 8.3.1.15.1.2, "Laboratory Thermal Expansion Testing." The corrected lists show the following procedures as being associated with Study 8.3.1.15.1.2 instead of Study 8.3.1.15.1.1:

TP-059, "Procedures for Laboratory Sample Bulk Chemical Determination"

TP-060, "Procedures for Preparation of Polished Thin Sections"

TP-062, "Laboratory Procedures for Mineralogic Analysis by X-Ray Powder Diffraction, Part 1: Data Gathering"

TP-080, "Procedure for Operation of the Hatachi S-450 Scanning Electron Microscope"

TP-102, "Laboratory Procedures for Mineralogic Analysis by X-Ray Powder Diffraction, Part 1: Data Analysis"

The lists also show technical procedures which are not specifically listed in the study plans. These procedures were intentionally omitted by the principal investigator from the study plans, as they are subordinate procedures to those referenced in the plans.

If you have any questions, please contact Ms. Sheila Long at 202-586-1447.

Sincerely,

Dwight E. Shelor
Associate Director for
Systems and Compliance
Office of Civilian Radioactive
Waste Management

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Enclosures:

1. Technical Procedures for
Study 8.3.1.15.1.1
2. Technical Procedures for
Study 8.3.1.15.1.2

cc w\enclosures

Alice Cortinas, CNWRA, San Antonio, TX
R. Dyer, YMPO
R. Loux, State of Nevada
T. Hickey, Nevada Legislative Commission
D. Bechtel, Las Vegas, NV
Eureka County, NV
Lander County, Battle Mountain, NV
P. Niedzielski-Eichner, Nye County, NV
W. Offutt, Nye County, NV
L. Bradshaw, Nye County, NV
C. Schank, Churchill County, NV
F. Mariani, White Pine County, NV
V. Poe, Mineral County, NV
J. Pitts, Lincoln County, NV
J. Hayes, Esmeralda County, NV
B. Mettam, Inyo County, CA
C. Abrams, NRC

TECHNICAL PROCEDURES FOR
STUDY 8.3.1.15.1.1, "LABORATORY THERMAL PROPERTIES"

- TP-061 "Procedures for Laboratory Sample Bulk Chemical Determination"
- TP-064 "Procedure for Vacuum Saturation of Geologic Core Samples"
- TP-065 "Drying Geologic Samples to Constant Weight"
- TP-200 "Inspection of Samples Used in Thermal Properties Measurements"
- TP-201 "Inspection of Mechanical and Electrical Measuring Equipment Used for Thermal Properties Testing"
- TP-202 "Measurement of Thermal Conductivity of Geologic Samples by Guarded-Heat-Flow-Meter Method"
- TP-206 "Measurement of Thermal Conductivity of Geologic Samples by the Comparative Method"
- TP-207 "Calibration of Temperature Sensors Used for Thermal Properties Testing"
- TP-215 "Calibration of Lawson Board Systems"

TECHNICAL PROCEDURES FOR
STUDY 8.3.1.15.1.2, "LABORATORY THERMAL EXPANSION TESTING"

- TP-059 "Procedures for Laboratory Sample Petrology Determination"
- TP-060 "Procedures for Preparation of Polished Thin Sections"
- TP-062 "Laboratory Procedures for Mineralogic Analysis by X-Ray Powder Diffraction, Part 1: Data Gathering"
- TP-064 "Procedure for Vacuum Saturation of Geologic Core Samples"
- TP-065 "Drying Geologic Samples to Constant Weight"
- TP-080 "Procedure for Operation of the Hatachi S-450 Scanning Electron Microscope"
- TP-102 "Laboratory Procedures for Mineralogic Analysis by X-Ray Powder Diffraction, Part 2: Data Analysis"
- TP-200 "Inspection of Samples Used in Thermal Properties Measurements"
- TP-201 "Inspection of Mechanical and Electrical Measuring Equipment Used for Thermal Properties Testing"
- TP-203 "Measurement of Thermal Expansion of Geologic Samples Using a Push Rod Dilatometer"
- TP-207 "Calibration of Temperature Sensors Used for Thermal Properties Testing"
- TP-215 "Calibration of Lawson Board Systems"