



Department of Energy
Washington, DC 20585

NOV 21 1991

Mr. John J. Linehan, Acting Director
Repository Licensing and Quality
Assurance Project Directorate
Division of High-Level Waste Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Mr. Linehan:

As requested by the U.S. Nuclear Regulatory Commission (NRC) during previous NRC/U.S. Department of Energy (DOE) Quality Assurance Bimonthly meetings, enclosed for your information are 12 drilling-related procedures prepared by the DOE Yucca Mountain Site Characterization Project Office. The NRC request for this information has been carried as an NRC/DOE open item (No. 3-90) since January 18, 1991. The procedures are identified by their numbers and titles as listed below:

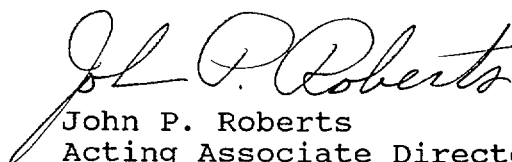
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| BTP-SMF-001 | Sample Management for the Yucca Mountain Project Office |
| BTP-SMF-002 | Transport, Receipt, Admittance, and Processing of Borehole Samples for the SMF (Sample Management Facility) |
| BTP-SMF-005 | Examination of Samples by Participants at the Sample Management Facility |
| BTP-SMF-006 | Removal of Whole and Other Specimens from Samples by the SMF for Shipment and Remnant Return |
| BTP-SMF-007 | Acceptance for Curation by the Sample Management Facility of Selected Samples and Documentation |
| BTP-SMF-008 | Field Logging, Handling, and Documenting Borehole Samples |
| BTP-SMF-010 | Gamma-Ray Logging of Yucca Mountain Project Core |
| BTP-SMF-013 | Staging, Packaging, and Documenting Neutron-Access Borehole Samples |
| AP-6.2Q | Management and Operation of Sample Handling Activities at Borehole Sites |
| AP-6.3Q | Interaction of Participants and Outside Interests with Yucca Mountain Project Sample Management |
| AP-6.4Q | Procedure for the Submittal, Review, and Approval of Requests for Yucca Mountain Project Geologic Specimens |
| AP-6.6Q | Field Collection, Documentation, and Specimen Removal of Exploratory Shaft and Drift Rock |

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These procedures explain sample-handling, borehole logging, and other drilling-related activities conducted by the Yucca Mountain Site Characterization Project Office. Several of these procedures have been updated recently based on prototype drilling experience from 1990 and 1991. Further revisions are expected soon as a result of drilling activities at Yucca Mountain. If you have any technical questions, please contact either Susan B. Jones at (702) 794-7613 or FTS 544-7613, or Uel S. Clanton at (702) 794-7943 or FTS 544-7943. For other questions, please contact Linda Desell at (202) 586-1462.

Sincerely,



John P. Roberts
Acting Associate Director for
Systems and Compliance
Office of Civilian Radioactive
Waste Management

Enclosures: *see end run map*
As stated

cc w/o enclosures:

C. Gertz, YMPO
R. Loux, State of Nevada
M. Baughman, Lincoln County, NV
D. Bechtel, Clark County, NV
S. Bradhurst, Nye County, NV
P. Niedzielski-Eichner, Nye County, NV
R. Campbell, Inyo County, CA
R. Michener, Inyo County, CA
G. Derby, Lander County, NV
P. Goicoechea, Eureka County, NV
C. Schank, Churchill County, NV
C. Jackson, Mineral County, NV
K. Whipple, Lincoln County, NV
F. Sperry, White Pine County, NV
J. Bingham, Clark County, NV
L. Vaughan, Esmeralda County, NV
B. Raper, Nye County, NV
K. Hooks, NRC
R. Carlson, NRC
J. Holonich, NRC