Carlsbad Field Office Work Breakdown Structure
September 29, 2010

1.0 TRU Waste

1.1 Waste Services

1.1.1 SRS
- 1.1.1.1 SRS CH Waste Certification
- 1.1.1.2 SRS CH Waste Shipping
- 1.1.1.3 SRS RH Waste Certification
- 1.1.1.4 SRS RH Waste Shipping
- 1.1.1.5 SRS Auditing
- 1.1.1.6 Waste Treatment

1.1.2 LANL
- 1.1.2.1 LANL CH Waste Certification
- 1.1.2.2 LANL CH Waste Shipping
- 1.1.2.3 LANL RH Waste Certification
- 1.1.2.4 LANL RH Waste Shipping
- 1.1.2.5 LANL Auditing

1.1.3 Hanford
- 1.1.3.1 Hanford CH Waste Certification
- 1.1.3.2 Hanford CH Waste Shipping
- 1.1.3.3 Hanford RH Waste Certification
- 1.1.3.4 Hanford RH Waste Shipping
- 1.1.3.5 Hanford Auditing

1.1.4 SQS
- 1.1.4.1 SQS CH Waste Certification
- 1.1.4.2 SQS CH Waste Shipping
- 1.1.4.3 SQS RH Waste Certification
- 1.1.4.4 SQS RH Waste Shipping
- 1.1.4.5 SQS Auditing

1.1.5 RFETS
- 1.1.5.1 RFETS CH Waste Certification
- 1.1.5.2 RFETS CH Waste Shipping
- 1.1.5.3 RFETS Auditing

1.1.6 INL
- 1.1.6.1 INL CH Waste Certification
- 1.1.6.2 INL CH Waste Shipping
- 1.1.6.3 INL RH Waste Certification
- 1.1.6.4 INL RH Waste Shipping
- 1.1.6.5 INL Auditing

1.1.7 ORNL
- 1.1.7.1 ORNL CH Waste Certification
- 1.1.7.2 ORNL CH Waste Shipping
- 1.1.7.3 ORNL RH Waste Certification
- 1.1.7.4 ORNL RH Waste Shipping
- 1.1.7.5 ORNL Auditing

1.1.8 Waste Services Support
- 1.1.8.1 Shipping Services
- 1.1.8.2 Generator Site Interface

1.2 Disposal Operations

1.2.1 Waste Disposal
- 1.2.1.1 Panel Mining
- 1.2.1.2 CH Waste Emplacement
- 1.2.1.3 RH Waste Emplacement
- 1.2.1.4 Panel Closure

1.2.2 Facility Projects
- 1.2.2.1 Facility Modifications & Construction
- 1.2.2.2 Facility Modifications & Construction - II

1.2.3 40 CFR 191/194 Compliance
- 1.2.3.1 Recertification
- 1.2.3.2 Compliance Demonstration
- 1.2.3.3 Change Requests

1.2.4 RCRA Compliance
- 1.2.4.1 HWFP Renewal
- 1.2.4.2 Compliance Demonstration
- 1.2.4.3 HWFP Modifications

1.2.5 Other Environmental Compliance Programs
- 1.2.5.1 Non-RCRA Permits and Compliance
- 1.2.5.2 Environmental Monitoring
- 1.2.5.3 Environmental Planning & Reporting

1.2.6 Disposal Support
- 1.2.6.1 Surface Operations
- 1.2.6.2 Underground Operations
- 1.2.6.3 Facility Maintenance
- 1.2.6.4 Safety, Health & Authorization Basis Programs
- 1.2.6.5 Security
- 1.2.6.6 Emergency Management
- 1.2.6.7 Hoisting Operations

1.3 Capability Development and Enhancement Projects

1.3.1 Type A Packaging Design and Fabrication
- 1.3.1.1 TRUPACT-III Inner Container

1.3.2 Type B Packaging, Design Fabrication, and NRC Certification
- 1.3.2.1 TRUPACT-II
- 1.3.2.2 HalfPACT
- 1.3.2.3 TRUPACT-III
- 1.3.2.4 RH 72B
- 1.3.2.5 RH 10-160B

1.3.3 Repackaging Units
- 1.3.3.1 4-Port Glovebox
- 1.3.3.2 MOVER

1.3.4 Corporate Board Strategic Projects
- 1.3.4.1 Streamlining Regulatory Framework
- 1.3.4.2 Large Box Assay and Examination
- 1.3.4.3 Shielded Containers
- 1.3.4.4 Treatment
- 1.3.4.5 Size Reduction
- 1.3.4.6 Robust Container
- 1.3.4.7 Hydrogen Getters
- 1.3.4.8 Bag Breacher
- 1.3.4.9 Establish CCF and/or TRU Waste Hubs

1.4 Program Support

1.4.1 Quality Assurance Program
- 1.4.1.1 Quality Assurance Program Administration
- 1.4.1.2 Waste Certification Quality Assurance
- 1.4.1.3 Quality Engineering Services
- 1.4.1.4 Quality Assurance Oversight of WIPP Site Operations
- 1.4.1.5 Quality Assurance Oversight of CBFO & Support Organizations

1.4.2 Administrative Programs
- 1.4.2.1 Project Planning and Control
- 1.4.2.2 Human Resources
- 1.4.2.3 Procurement
- 1.4.2.4 Finance & Accounting
- 1.4.2.5 Information Services
- 1.4.2.6 Long-Term Records Center
- 1.4.2.7 Legal
- 1.4.2.8 Public Affairs
- 1.4.2.9 State & Regional Impact Assistance
- 1.4.2.10 Oversight & Interagency Programs

1.5 Dismantlement & Decommissioning Phase

1.5.1 Dismantlement & Decommissioning Phase
- 1.5.1.1 Dismantlement & Decommissioning

1.6 Recovery Act Project

See details on following page

2.0 Special Initiatives

2.1 Underground Science

2.1.1 XENON
- 2.1.1.1 XENON Infrastructure
- 2.1.1.2 XENON Authorization Basis

2.1.2 SEGA-MEGA
- 2.1.2.1 SEGA-MEGA Infrastructure
- 2.1.2.2 SEGA-MEGA Authorization Basis

2.1.3 OMNISita
- 2.1.3.1 OMNISita Infrastructure
- 2.1.3.2 OMNISita Authorization Basis

2.1.4 Low Dose Radiation Biology

2.2 Science and International Programs

2.2.1 Science and International Programs
- 2.2.1.1 Technical and Scientific Support

Recovery Act Project WBS Detail

1.6 Recovery Act Project (S) - Accelerated TRU Waste Disposition

1.6.1 S - INL Accelerated TRU Waste Disposition

1.6.1.1 S - INL Accelerated CH Waste Disposition
1.6.1.2 S - INL Accelerated RH Waste Disposition

1.6.2 S - LANL Accelerated TRU Waste Disposition

1.6.2.1 S - LANL Accelerated CH Waste Cert. for Disposal

1.6.3 S - ORNL Accelerated TRU Waste Disposition

1.6.3.1 S - ORNL Accelerated CH and RH Waste Disposition

1.6.4 S - SRS Accelerated TRU Waste Disposition

1.6.4.1 S - SRS Accelerated CH Waste Disposition
1.6.4.2 S - SRS Accelerated RH Waste Disposition

1.6.5 S - SQS Accelerated TRU Waste Disposition

1.6.5.1 S - ANL Accelerated TRU Waste Disposition
1.6.5.2 S - BAPL Accelerated TRU Waste Disposition
1.6.5.3 S - GEVNC Accelerated TRU Waste Disposition
1.6.5.4 S - KAPL-NFS Accelerated TRU Waste Disposition
1.6.5.5 S - LBNL Accelerated TRU Waste Disposition
1.6.5.6 S - LLNL Accelerated TRU Waste Disposition
1.6.5.7 S - NRD Accelerated TRU Waste Disposition
1.6.5.8 S - NTS Accelerated TRU Waste Disposition
1.6.5.9 S - SNL Accelerated TRU Waste Disposition
1.6.5.10 S - S-WVOP Accelerated TRU Waste Disposition

1.6.6 S - Hanford Accelerated TRU Waste Disposition

1.6.6.1 S - Hanford Accelerated CH Waste Disposition
1.6.6.2 S - Hanford Accelerated RH Waste Disposition

1.6.7 S - Waste Repackaging/Remediation

1.6.8 S - WIPP Site Infrastructure Modifications for Accelerated TRU Waste Disposition

1.6.8.1 S - Reserved for Future Use
1.6.8.2 S - Reserved for Future Use
1.6.8.3 S - RH Acceleration
1.6.8.4 S - Reliability Projects/Facility Modifications

1.6.9 S - Waste Handling Operations

1.6.9.1 S - CH Waste Handling Operations
1.6.9.2 S - RH Waste Handling Operations

1.6.10 S - Technical Support for Accelerated TRU Waste Disposition

1.6.10.1 S - Regulatory Compliance
1.6.10.2 S - Quality Assurance
1.6.10.3 S - Safety
1.6.10.4 S - Project Planning & Control
1.6.10.5 S - Nuclear Safety
1.6.10.6 S - Procurement
1.6.10.7 S - Human Resources
1.6.10.8 S - IT Support
1.6.10.9 S - Corridor Emergency Preparedness

1.6.11 S - Additional Carrier Contract Resources for Accelerated TRU Waste Disposition

1.6.11.1 S - Fixed Price
1.6.11.2 S - Cost Reimbursables

1.6.12 S - Generator Site Interface for Accelerated TRU Waste Disposition

1.6.12.1 S - Waste Certification Support
1.6.12.2 S - Shipping Site Waste Loading Services
1.6.12.3 S - Waste Inventory
1.6.12.4 S - Difficult Waste
1.6.12.5 S - NTP Technical Support

1.6.13 S - TRU Waste Packaging for Accelerated TRU Waste Disposition

1.6.13.1 S - TRU Waste Packages for Accelerated TRU Waste Disposition
1.6.13.2 S - TRU Waste Containers for Accelerated TRU Waste Disposition