Agenda- EPA/DOE Technical Exchange
La Posada Hotel, 125 2nd Street, NW, Albuquerque, New Mexico
(505) 242-9090
From Interstate 25, take the Grand/Central Exit west. Continue on Central and follow the road as it curves to the right- the hotel is located at the next intersection. (2nd and Copper)

Monday, October 24, 1994:
• Salado Rock Mechanics 8:00-10:00 am
  Creep Closure
  Fracture Modeling
  -halite
  Disturbed Rock Zone
• Break 10:00-10:15 am
• Room Closure/Consolidation 10:15-12:00 noon
  Disposal Room
  SANTOS/SANCHO
  -relation to 1992 Performance Assessment
  Coupling to Surface
  -relation to 1992 Performance Assessment
  -structural
  -BRAGFLO
• Lunch 12:00-1:00 pm
• Room Closure/Consolidation (continued) 1:00-2:30 pm
• Break 2:30-2:45 pm
• Repository Seals 2:45-5:00 pm
  Shaft Seal System Design
  -Near-Surface Subsystems
  -Salado Formation Subsystems
  Comparison of 1992 and Current Performance Assessment Calculations
  -Revision to Shaft and Seal Systems
  -Panel Seal Performance
  Long-Term Performance
  Operational Phase Panel Seals

Tuesday, October 25, 1994:
• Repository Seals (continued) 8:00-10:00 am
• Break 10:00-10:15 am
• Salado Brine Chemistry and Alternative Models for Anhydrite Interbeds
  
  Introduction
  
  Salado Brine Chemistry
  - Brine Sampling and Evaluation Program
  - Marker Bed 139 - vs. Salado
  
  Lunch
  
  Salado Brine Chemistry (continued)
  - Marker Bed 140
  
  Alternative Models for Anhydrite Interbeds
  
• Salado Natural Processes
  
  Introduction
  
  Salado Stratigraphy and Geology
  - Dip, Geometry, Loading/unloading, stratigraphy
  
  Break
  
  - Performance Assessment Process Model
  
  Salt Creep with Respect to Fluid Flow
  - Conceptual Model
  - PA Process Model
  
  Disturbed Rock Zone
  - Conceptual Model
  - PA Process Model
  
Wednesday, October 26, 1994:
• Salado Natural Processes (continued)
  
  Fluid Flow in the Salado
  - Contaminant Transport
  Thermally-Induced Flow
  PA Process Model
  
  Two-Phase Flow Properties
  Data
  PA Process Model
  
  Break
  
  10:15-11:00 am
  
  11:00-11:30 am
  
  11:30-12:00 noon
  
  12:00-1:00 pm
  
  1:00-1:30 pm
  
  1:30-2:15 pm
  
  2:15-2:30 pm
  
  2:30-3:00 pm
  
  3:00-3:15 pm
  
  3:15-3:45 pm
  
  3:45-4:00 pm
  
  4:00-4:15 pm
  
  4:15-4:45 pm
  
  4:45-5:15 pm
  
  8:00-9:30 am
  
  9:30-9:50 am
  
  9:50-10:00 am
  
  10:00-10:15 am
- Conceptual Models
  Darcy Flow and Redistribution
  Clay Consolidation
  10:15-11:15 am
  11:15-12:00 noon

- Lunch
  12:00-1:00 pm

- Permeability/Porosity Database
  Data
  1:00-1:40 pm
  1:40-2:30 pm

- PA Process Model and Database

- Interbed Fracturing and Pressure-Dependent Permeability
  Data
  2:30-3:00 pm

- Break
  3:00-3:15 pm

- PA Process Model
  3:15-3:40 pm

- Model Initial and Boundary Conditions
  3:40-4:00 pm

- Discussion & Closeout
  4:00-5:00 pm
**DEPARTMENT OF ENERGY**
**CARLSBAD AREA OFFICE**

**FACSIMILE TRANSMITTAL ROUTING SHEET**
**TELEFAX NUMBER 887-0292**

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**(Including cover)**

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<th>To:</th>
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<tbody>
<tr>
<td>Steve Zappe</td>
<td>NMED</td>
<td>(505) 827-4361</td>
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<tbody>
<tr>
<td>James Mae</td>
<td>CAO</td>
<td>(505) 234-7470</td>
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**Special Instructions:**  
EPA Tech. Exchange Agenda. See you next week.  
JMA

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**WASTE ISOLATION PILOT PLANT**
**CARLSBAD, NEW MEXICO**