

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	10:15-11:00 am
Salado Brine Chemistry	
- <i>Brine Sampling and Evaluation Program</i>	11:00-11:30 am
- <i>Marker Bed 139 -vs- Salado</i>	11:30-12:00 noon
•<u>Lunch</u>	12:00-1:00 pm
Salado Brine Chemistry (continued)	
- <i>Marker Bed 140</i>	1:00-1:30 pm
Alternative Models for Anhydrite Interbeds	1:30-2:15 pm

•Salado Natural Processes

Introduction	2:15-2:30 pm
Salado Stratigraphy and Geology	
- <i>Dip, Geometry, Loading/unloading, stratigraphy</i>	2:30-3:00 pm
•<u>Break</u>	3:00-3:15 pm
- <i>Performance Assessment Process Model</i>	3:15-3:45 pm
Salt Creep with Respect to Fluid Flow	
- <i>Conceptual Model</i>	3:45-4:00 pm
- <i>PA Process Model</i>	4:00-4:15 pm
Disturbed Rock Zone	
- <i>Conceptual Model</i>	4:15-4:45 pm
- <i>PA Process Model</i>	4:45-5:15 pm

Wednesday, October 26, 1994:

•Salado Natural Processes (continued)

Fluid Flow in the Salado	8:00-9:30 am
- <i>Contaminant Transport</i>	
- <i>Thermally-Induced Flow</i>	
- <i>PA Process Model</i>	
- <i>Two-Phase Flow Properties</i>	
- <i>Data</i>	9:30-9:50 am
- <i>PA Process Model</i>	9:50-10:00 am
•<u>Break</u>	10:00-10:15 am

<i>-Conceptual Models</i>	
<i>Darcy Flow and Redistribution</i>	10:15-11:15 am
<i>Clay Consolidation</i>	11:15-12:00 noon
• <u>Lunch</u>	12:00-1:00 pm
<i>-Permeability/Porosity Database</i>	
<i>Data</i>	1:00-1:40 pm
<i>-PA Process Model and Database</i>	1:40-2:30 pm
Interbed Fracturing and Pressure-Dependent Permeability	
<i>-Data</i>	2:30-3:00 pm
• <u>Break</u>	3:00-3:15 pm
-PA Process Model	3:15-3:40 pm
Model Initial and Boundary Conditions	3:40-4:00 pm
• <u>Discussion & Closeout</u>	4:00-5:00 pm

**DEPARTMENT OF ENERGY
CARLSBAD AREA OFFICE
FACSIMILE TRANSMITTAL ROUTING SHEET
TELEFAX NUMBER 887-0292**

Pages:

4

Date:

10/21/94

Time:

10:25

(including cover)

To:

Steve Zappe

Location:

NMED

Fax #:

(505) 827-4361

From:

James Maes

Location:

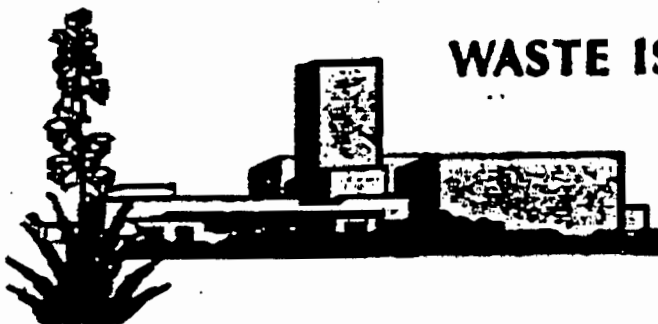
CAO

Phone/Fax #:

(505) 234-7470

Special Instructions:

EPA Tech. Exchange Agenda. See you next week. James Maes



WASTE ISOLATION PILOT PLANT

CARLSBAD, NEW MEXICO

