



U.S. DEPARTMENT OF  
**ENERGY**



## WIPP Update

*National Transportation Stakeholder Forum*

*May 11, 2011  
Denver, Colorado*

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**U.S. Department of Energy**  
**Carlsbad Field Office**



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# Accomplishments -2010 Shipments

Shipments received  
at WIPP to date:  
**9,493**

**Contact-handled: 9,019**  
**Remote-handled: 474**



**Total Shipments by Calendar Year**  
**(Including intersite shipments)**



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# Shipments Received – (as of May 2, 2011)

Site	Shipments	Loaded Miles
Argonne National Laboratory	84	144,181
GE Vallecitos Nuclear Center	32	44,800
Idaho National Laboratory	4,643	6,460,272
Los Alamos National Laboratory	774	264,708
Lawrence Livermore National Laboratory	18	24,804
Nevada Nuclear Security Site	48	57,312
Oak Ridge National Laboratory	112	150,416
Rocky Flats Environmental Technology Site	2,045	1,446,444
Hanford Site	530	958,240
Savannah River Site	1,206	1,832,864
Total to WIPP	9,493	11,385,433



# *TRU Waste Transportation Plan*

- Plan Complete
- Final changes made
- Anticipate distribution 2011



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# *Additional Small Quantity Sites*

- **Shipments scheduled for Summer 2011**
- **NRD (Grand Island, NY)**
  - 3 shipments (June 2011)
- **Bettis Atomic Power Laboratory (West Mifflin, PA)**
  - 4 shipments (Late Summer 2011)



# TRU Waste Shipping Activity

Fiscal Year 2011

<u>To WIPP</u>		<u>Inter Site</u>	
Argonne	67	Argonne	4
Idaho	744	Sandia	2
Savannah River	197	Hanford	37
Los Alamos	177	NRD	4
Hanford	137	Berkley	1
Oak Ridge	94		
Sandia	6		
Bettis	<u>5</u>		
<b>Total</b>	<b>1,427</b>		<b>48</b>



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# γ Shielded Container Assembly (SCA)

- NRC license (2009) for shipping in HalfPACT
- DOT-7A certified
- ~1/3 fewer shipments than RH-72B (equal volume)
- Flexibility when handled as CH (up to ~0.1 Sv/h)



CH < 0.2 mSv/h

RH > 0.2 mSv/h

RH < 10 Sv/h



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# TRUPACT-III Status



- NRC Certificate of Compliance received June 1, 2010
- 6 units being manufactured by ABW in Arlington, WA
- Target of July 2011 for first shipment, ramp up to 5 shipments/wk by end of CY 2010
- TRUPACT-III will only be used for SRS shipments
- Road show/training with the CTU 2 conducted February 2011





# Tie-down Assembly



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# Questions?



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