

**U.S. Department of Energy
Office of Civilian Radioactive Waste Management**

**Nuclear Waste Technical Review Board
Engineered Barrier System Panel Meeting
Defense High-level Waste Management**

Introductory Remarks

**Linda Desell, Chief
Regulatory Integration Branch
Office of Systems and Compliance**

**Idaho Falls, ID
May 13, 1992**

Office of Civilian Radioactive Waste Management

- . Implements the Nuclear Waste Policy Act, as amended, that requires emplacing defense waste in a commercial repository unless the President finds a defense only repository is required (Section 2.14)**

- . Manages the development of a geologic repository, a monitored retrievable storage facility, and a transportation infrastructure to support waste acceptance and disposal**

- . Develops the requirements for waste acceptance from defense production facilities**

- . Will provide transportation and disposal of high-level waste from defense facilities including:**
 - Savannah River Site, South Carolina**
 - Hanford, Washington**
 - Idaho National Engineering Laboratory, Idaho**

Office of Civilian Radioactive Waste Management

- **Current plans include disposal of approximately 7000 MTU equivalent of HLW (10% of repository volume) in the first repository beginning in 2010**

Reference Waste Volumes:

<u>HLW Processing Site</u>	<u>Canisters</u>
- Savannah River Plant	5600
- Hanford Site	1200
- Idaho Chemical Processing Plant	10,050
- New Production Reactor	900

Office of Environmental Restoration and Waste Management

- **Responsible for the environmental remediation and restoration of DOE facilities**
- **Manages waste vitrification activities at Savannah River, Hanford, and Idaho Falls**
- **Responsible for producing a canistered high-level waste form for disposal by OCRWM**

OCRWM Interfaces

- . OCRWM acceptance of the Quality Assurance program for waste form production facilities**
- . OCRWM review of selected technical documents**