

DEPARTMENT OF ENERGY

Business Center for Precious Metals Sales and Recovery

Terri Hall

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Program History

- **5/5/95 Mission Established**
- **5/5/95 Executive Committee on Assets Trust Created**
- **9/26/95 Joseph Vivona, CFO on behalf of Executive Committee on Asset Trust, created the Business Center for Precious Metals Sales and Recovery in Oak Ridge, Tennessee**



Mission

- **To recover US DOE precious metals from contaminated and non-contaminated scrap and excess equipment and make this metal available to DOE and its prime contractors at no cost.**
- **To sell DOE excess precious metals and return proceeds to the US Treasury**
- **Maintain a central tracking system for DOE-owned precious metals**



Precious Metals

- **Gold (Au)**
- **Silver (Ag)**
- **Platinum (Pt)**
- **Rhodium (Rh)**
- **Iridium (Ir)**
- **Palladium (Pd)**
- **Osmium (Os)**
- **Ruthenium (Ru)**



Current Processes

Reclaim precious metals from

- **Scrap (pure metal and alloys)**
- **Demilitarized weapon components**
- **Low-grade precious metals (silver and alloys)**
- **Precious metals with RCRA constituents (depleted plating solution, cyanides, sludges, wiping rags, paste, etc.)**
- **Equipment**



Business Center Program Financial Data (\$m)

	<u>Program Cost</u>	<u>Market Value of Metal Reclaimed</u>	<u>Market Value of Metal Given to Contractors</u>	<u>Savings to DOE</u>
2003	\$0.953	\$1.453	\$1.233	\$0.280
2004	\$0.766	\$3.814	\$2.593	\$1.826
2005	\$0.661	\$2.010	\$3.107	\$2.447
2006	\$0.474	\$3.470	\$3.153	\$2.679
2007	\$0.814	\$5.888	\$5.483	\$4.670



DOE/NNSA Contractors

Ames Laboratory – Ames IA
Argonne National Laboratory – Argonne, IL
Battelle energy Alliance – Idaho Falls, ID
Battelle Pacific NW Laboratory – Richland, WA
Bechtel Bettis Atomic Power Laboratory – West Mifflin, PA
Brookhaven National Laboratory – Upton, NY
BWXT – Amarillo, TX
B&W Technical Services – Oak Ridge, TN
CH2M WG Idaho – Idaho Falls, ID
Fermi Laboratory – Chicago, IL
Honeywell Federal Manufacturing & Technologies – Kansas City MO
Lawrence Berkley National Laboratory – Berkley, CA
Lawrence Livermore National Laboratory – Livermore, CA
Knolls Atomic Power Laboratory – Schenectady, NY
Los Alamos National Laboratory – Los Alamos, NM
National Securities Technologies – Las Vegas, NV
New Brunswick Laboratory – Argonne, IL
Oak Ridge Associated Universities – Oak Ridge, TN
Oak Ridge National Laboratory – Oak Ridge, TN
Princeton University – Princeton, NJ
Sandia National Laboratory – Albuquerque, NM
Sandia Livermore National Laboratory – Livermore, CA
Stanford Linear Accelerator – Stanford CA
Thomas Jefferson National Accelerator – Newport News, VA
Washington Savannah River Company – Aiken, SC



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