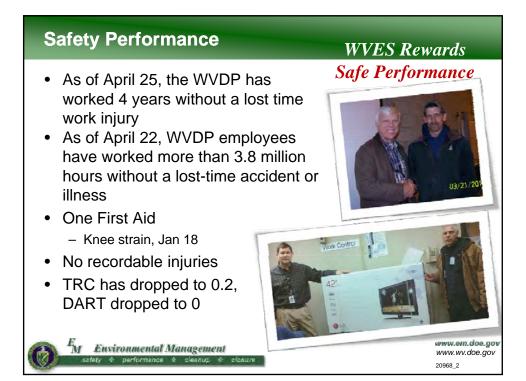


# **Project Update**

Bryan Bower DOE-WVDP April 27, 2011 Citizen Task Force

> www.em.doe.gov www.wv.doe.gov 20968\_1





## **Main Plant Process Building**

- Equipment dismantlement in Extraction Cell-1
  - Last Extraction Cell to be decontaminated
    - Highly radioactive, all work performed remotely
  - Used fully-robotic arm to perform pipe cutting
    - 3 major vessels removed
    - Debris collection underway



Above: Operators in the Extraction Cell Control Room

Left: Third vessel being placed in waste container



www.em.doe.gov www.wv.doe.gov 20968 3

## **Main Plant Process Building**

- Completed Nitrocision decontamination in the Process Mechanical Cell (PMC)
- Initiated decontamination in the General Purpose Cell (GPC)



Environmental Management
safety & performence & clearup & closure

www.em.doe.gov www.wv.doe.gov 20968 4

# **Radioactive Waste Processing**

- Preparing stored waste for offsite disposal
  - Using multiple facilities for contact-handled and remotehandled processing
  - 91% of Low-Level Waste processed to date
  - 80% of transuranic waste processed to date
    - ~80% TRU waste volume reduction of processed waste





Left: Brokk 180 in RHWF cutting plywood with circular saw





### **Waste Tank Farm**

- Tank & Vault Drying System
  - System installation completed and operational in December
  - 23% of tank liquids evaporated in first 3 months



Environmental Management solety & performence & clearup & closure

www.em.doe.gov www.wv.doe.gov 20968 6

### North Plateau Groundwater Plume

- PTW and monitoring well installation complete
- Data collected from more than 60 sampling wells has been collected

and compiled into a baseline report

- Reference point for starting conditions
- Quarterly sampling





www.em.doe.gov www.wv.doe.gov 20968 7

