ICP

IDAHO CLEANUP PROJECT

CWI Line Commission Presentation
Tom Dieter

September 26, 2013

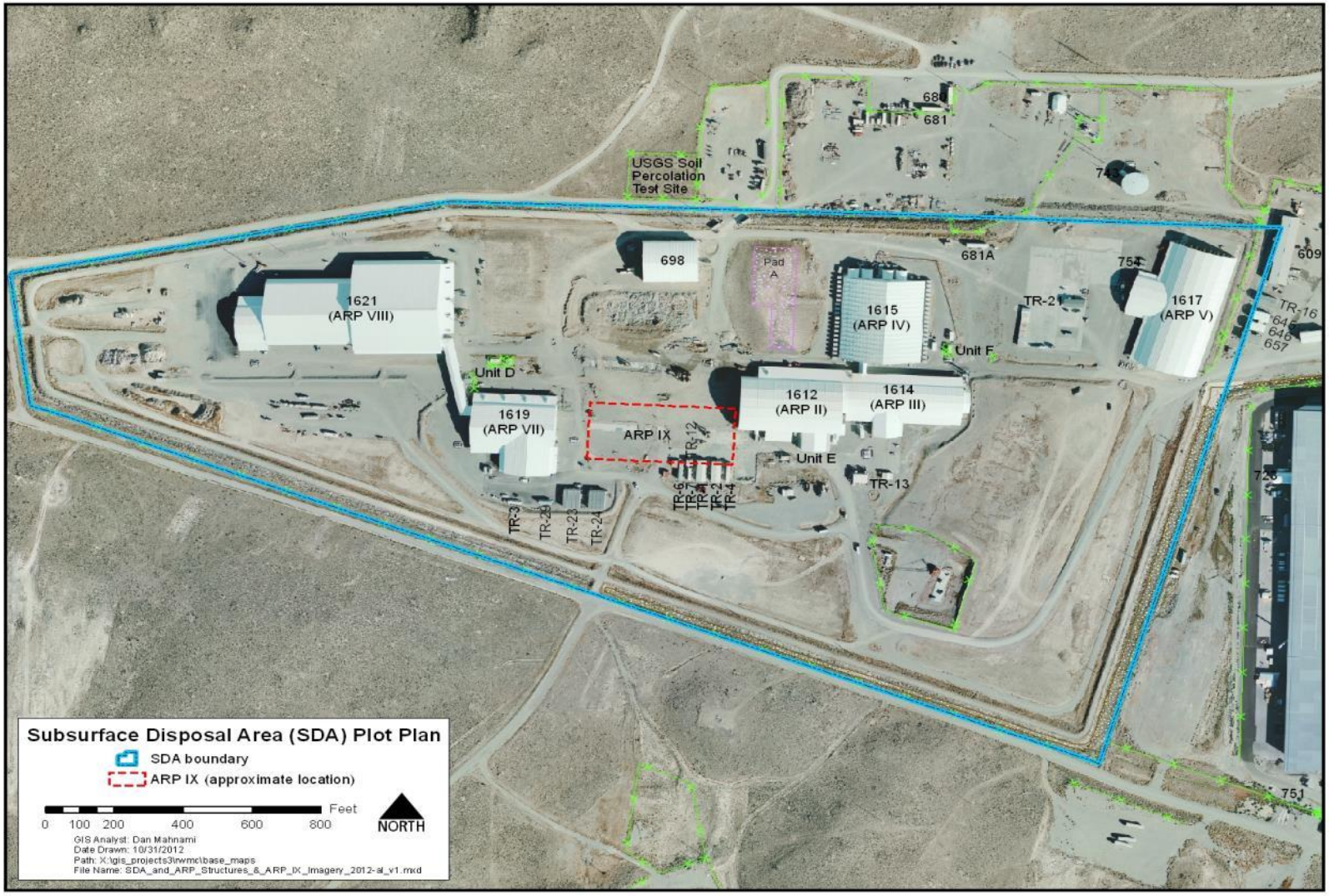
CH2M•WG IDAHO, LLC

SAFELY PLAN • MOTIVATE • DELIVER

ICP-II status

- We're nearly complete with the first year of our $730 million, three-year contract extension
  - Retrieve and dispose of buried waste
  - Treat and process sodium-bearing waste
  - Treat and dispose of radioactive waste
  - Manage spent nuclear fuel
  - Dispose of nuclear materials
  - Conduct environmental remediation activities

Accelerated Retrieval Project



Accelerated Retrieval Project (cont'd)

Background

- Exhumed 3.11 acres (of 5.69 acres required by the 2008 Record of Decision)
  - Targeting specific solidified solvents containing carbon tetrachloride
  - Targeting specific radionuclides, primarily plutonium and uranium
- Waste exhumation was suspended in Sept. 2012 due to budget challenges
- CWI identified cost efficiencies that allowed the project to resume; in July DOE directed CWI to use those cost savings to resume the project as soon as possible
  - Good collaboration between DOE, Governor Otter, and CWI

Accelerated Retrieval Project (cont'd)

Status

- Hired 62 employees (both Steelworkers and exempt staff)
- Resumed buried waste exhumation this week and started packaging waste drums

Upcoming Activities

- Complete targeted waste exhumation from Accelerated Retrieval Project III by Dec. 31
- Resume ARP VII waste exhumation following completion of ARP III
- Begin ARP VIII contractor readiness assessment in October and begin waste exhumation

Integrated Waste Treatment Unit

Integrated Waste Treatment Unit (cont'd)

Background

- 900,000 gallons of liquid, sodium-bearing waste will be treated using steam reforming technology
- A pressure event in June 2012 stalled the project
- The renegotiated Notice of Noncompliance/Consent Order milestone is Dec. 31, 2014

Integrated Waste Treatment Unit (cont'd)

Status

- Major plant reassembly is complete and plant integrity testing is under way
- Initial leak testing is complete with minor leaks identified in 8 percent of joints inspected

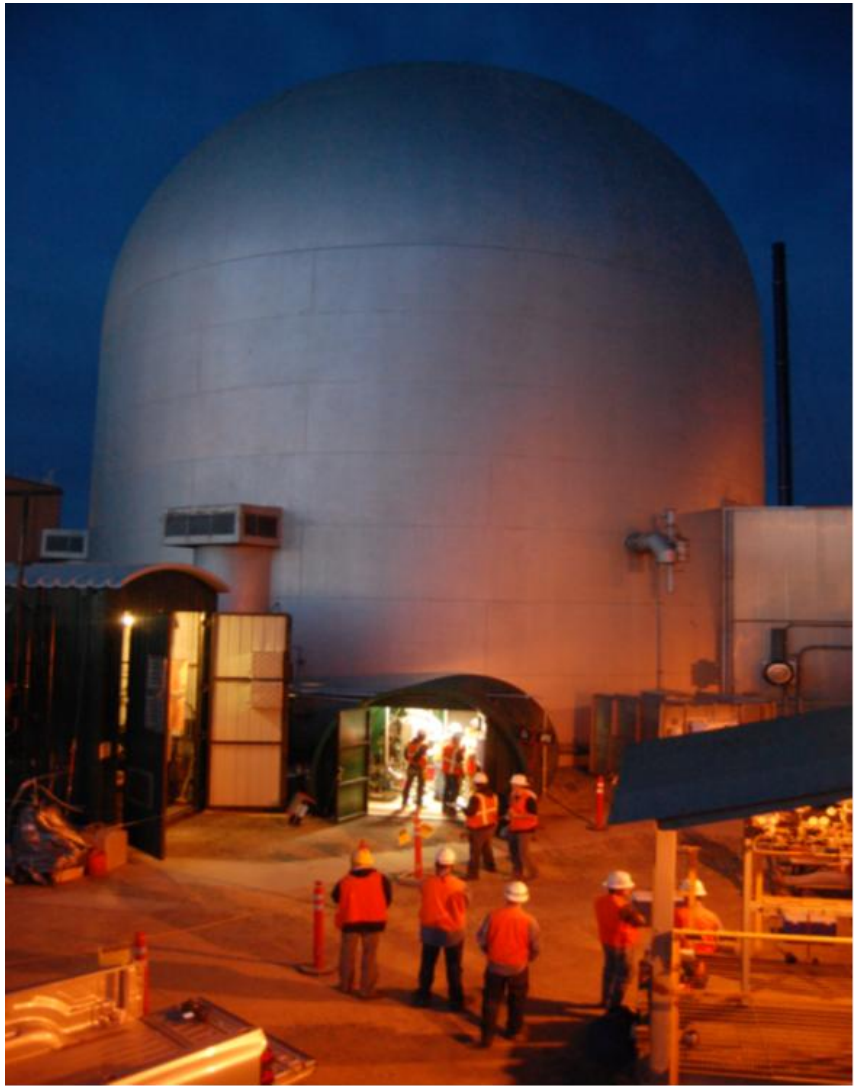
Upcoming Activities

- Perform final process leak check and test the Rapid Shutdown System
- Prepare for management self-assessment, contactor readiness review, and DOE readiness review
- Resume TI-102 (i.e., bringing the facility up to operating temperature) in March 2014
- Begin TI-103 (i.e., hot startup using simulated waste then treating actual sodium-bearing waste) in May 2014

Sodium treatment projects

Background

- CWI is becoming a world leader in developing and implementing sodium treatment technologies
  - Liquid sodium treatment at the Materials and Fuels Complex
  - Treatment of remote-handled, sodium-contaminated transuranic waste at the Idaho Nuclear Technology and Engineering Center



Sodium treatment projects (cont'd)

Status

- Materials and Fuels Complex
  - Completed sodium treatment of MFC-799 Day Tanks A & B and Sodium Storage Tank
- Idaho Nuclear Technology and Engineering Center
  - Equipment testing is continuing at Premier Technology

Upcoming Activities:

- Complete removal of the MFC-799 Sodium Storage Tank and begin RCRA closure of MFC-799 / 799A
- Move sodium treatment equipment to INTEC and begin treatment in early 2014

Summary

- Restarted buried waste exhumation and hope to continue the project for the duration of our contract
- Modifications are complete to IWTU with plans to treat sodium-bearing waste in Spring 2014
- Continue making progress on sodium treatment projects
- Continue our other projects
  - Sludge drum treatment
  - Environmental restoration
  - Spent fuel receipts from onsite
  - Tank Farm upgrades
  - Contaminated soil and debris consolidation at Idaho CERCLA Disposal Facility
  - Shipping offsite of transuranic waste