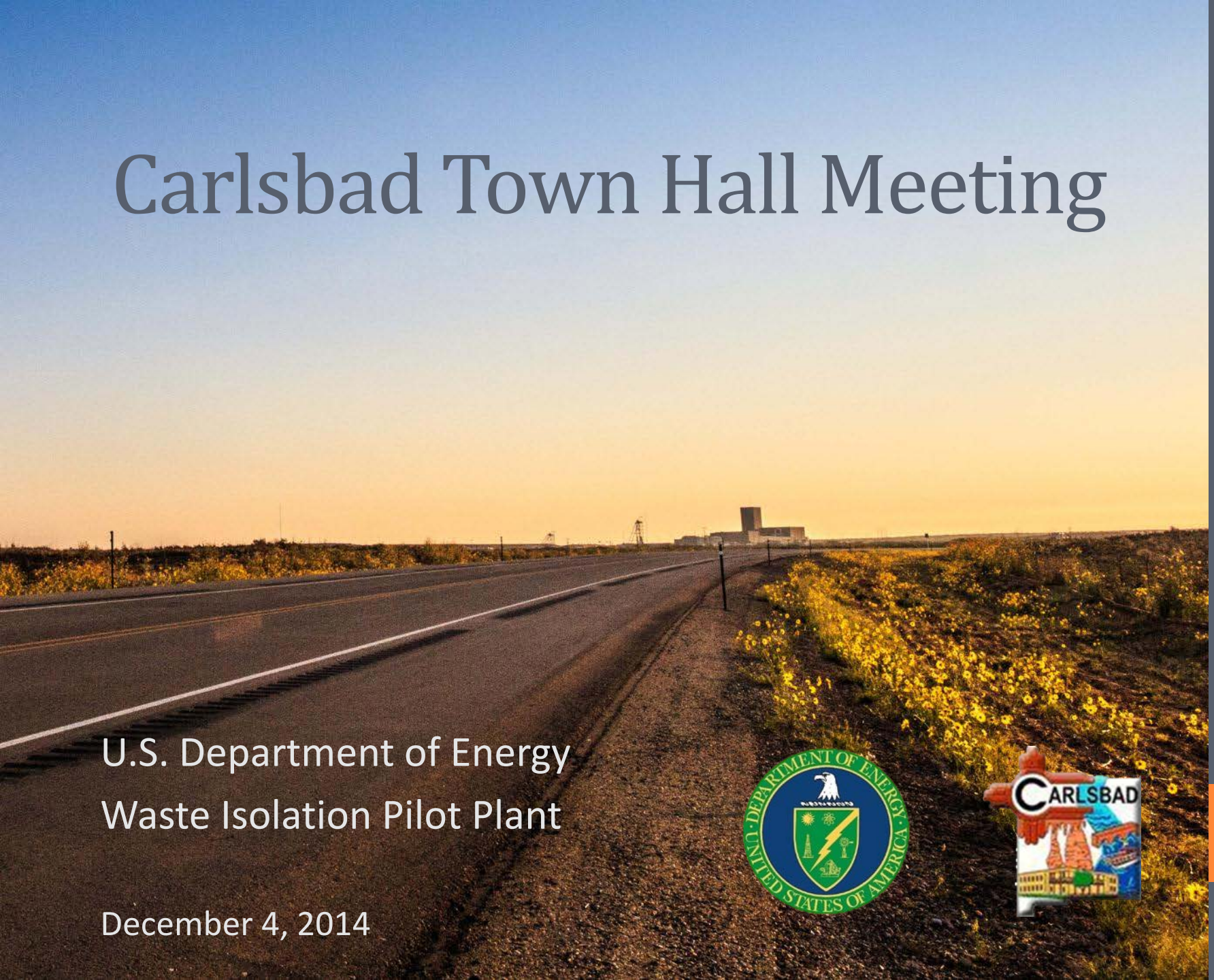
Carlsbad Town Hall Meeting



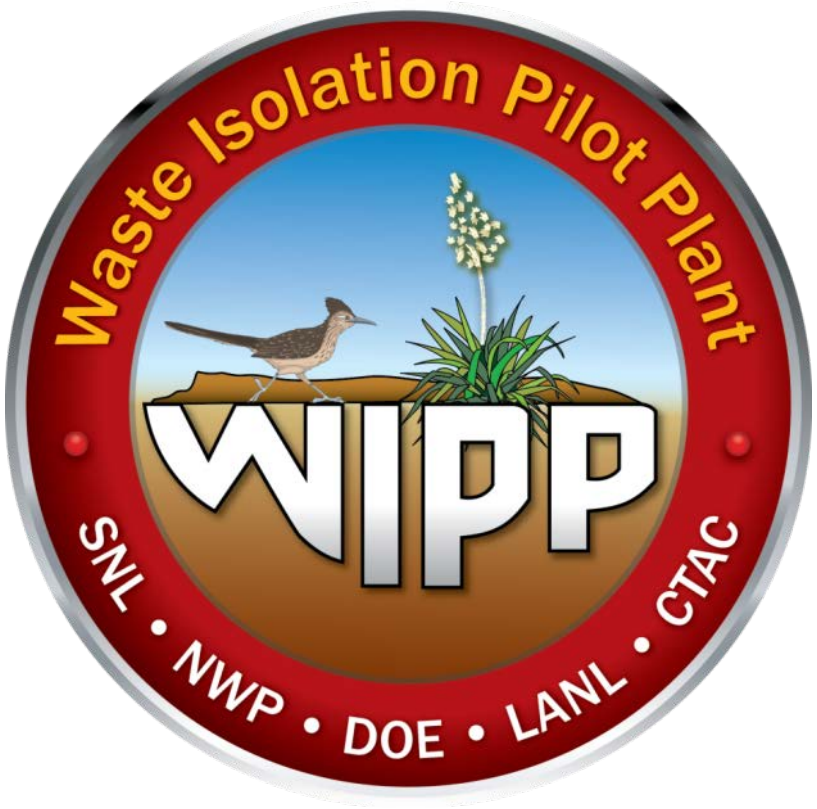
U.S. Department of Energy

Waste Isolation Pilot Plant

December 4, 2014

Agenda

- Opening Comments – Mayor Dale Janway
- Introductions / Guidelines – Donavan Mager
- Update on CBFO and WIPP activities – Joe Franco
- Recovery Status – Tammy Reynolds
- Audience Questions
  - In house
  - Internet
- Closing Comments – Joe Franco



Joe Franco, CBFO Manager

UPDATE ON CBFO AND WIPP ACTIVITIES

Recent WIPP Activities

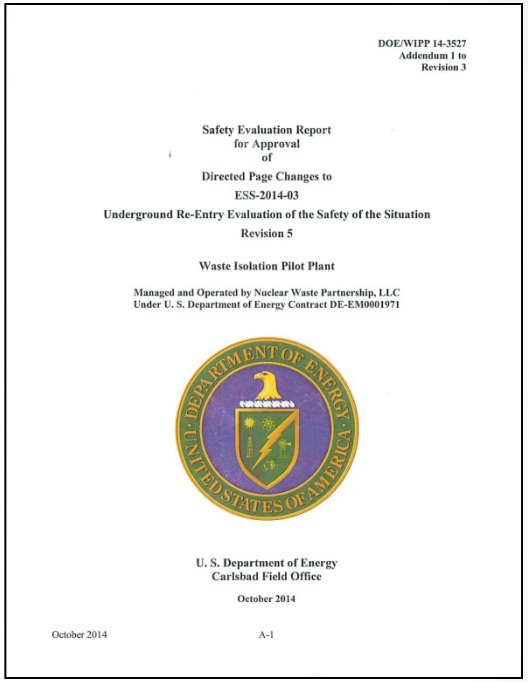
- Making good progress
- Idaho waste shipments
- Worker safety – news media coverage

Tammy Reynolds, NWP Deputy Recovery Manager

RECOVERY STATUS

Worker Safety and ESS

- What is an ESS?
  - ESS stands for Evaluation of the Safety of the Situation (ESS).
  - An ESS is a document used in conjunction with the existing Safety Analysis to establish the necessary controls and restrictions specific to recovery activities which ensure worker protection.



DOE/WIPP 14-3527
Addendum 1 to
Revision 3

Safety Evaluation Report
for Approval
of
Directed Page Changes to
ESS-2014-03
Underground Re-Entry Evaluation of the Safety of the Situation
Revision 5

Waste Isolation Pilot Plant

Managed and Operated by Nuclear Waste Partnership, LLC
Under U. S. Department of Energy Contract DE-EM0001971

U. S. Department of Energy
Carlsbad Field Office

October 2014

October 2014 A-1

- What is the process?
  - The activity to be performed is evaluated against the existing Safety Analysis. If not already covered by the existing Safety Analysis, an ESS document is prepared.
  - Subject matter experts prepare, review, and independently approve the ESS documents.
    - The approval process ensures adequate controls are included for protection of site workers and the public.

Worker Safety and ESS

- How do employees know about ESS information?
  - Once an ESS is approved, the controls within the document are implemented through written procedures and training sessions.
  - In addition, during pre-job briefings, the work crews discuss all pertinent hazards and safety measures related to the tasks to be performed.

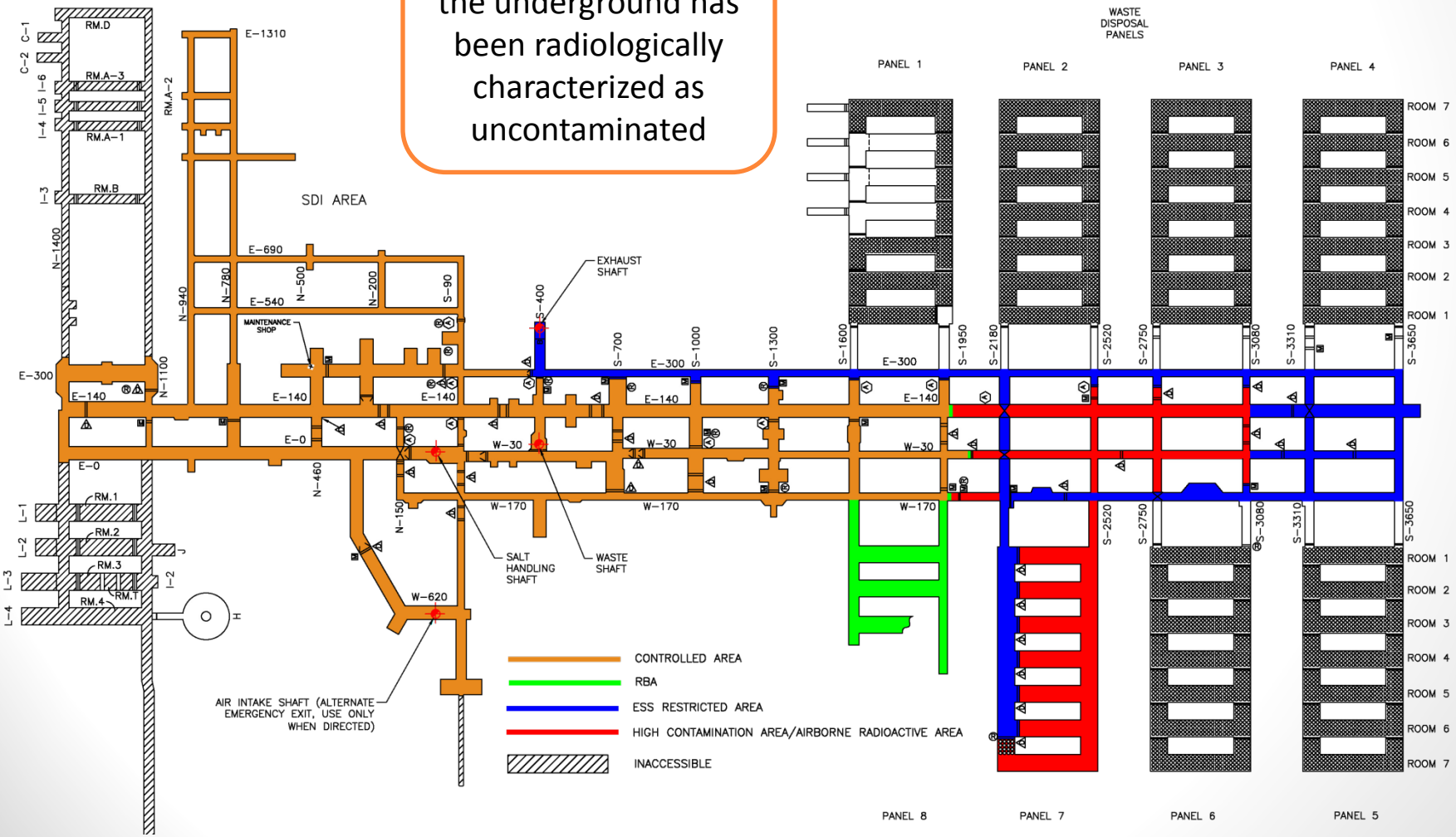
- Have there been any Lessons Learned or changes to the ESS?
  - Yes. The ESSs are revised whenever improvements are identified, different conditions are encountered that require additional controls, or work scope changes.
  - When work is complete, a formal post-job briefing is held and documented. During these briefings, all workers who participated in the activity provide feedback on what went right and what improvements need to be made.

Recovering the Underground

- Bolting
  - Resumed in uncontaminated areas on 11/15/14
  - Preparation underway for bolting in contaminated areas
- Areas where bolting activities are completed:
  - W-30 S-700 to S-1600
  - E-140 S-700 to S-1200
  - W-170 to E-300 at the S-1600 cross drift

Recovering the Underground

More than 60% of the underground has been radiologically characterized as uncontaminated



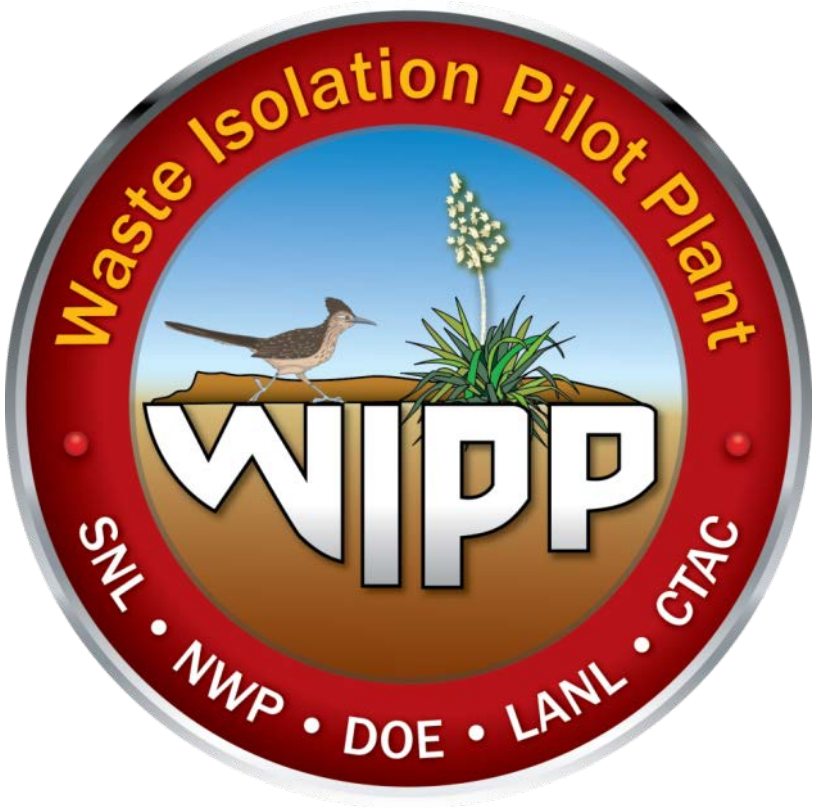
Recovering the Underground

- Waste Hoist
  - Waste hoist available for equipment conveyance and emergency egress of personnel.
  - Water continues to be pumped from the sump
    - Approximately 21,000 gallons of water has been pumped to date
    - Estimated 43,000 gallons of water will need to be pumped
- Sump water is being analyzed for chemicals and radionuclides
  - Results show sump water is at normal background levels

Other Underground Activities

- Project REACH
  - Assembly of REACH components in underground in progress
  - All REACH equipment except the boom is currently in the WIPP underground
  - Movement of equipment from the REACH transit pathway is underway

- Soot cleaning
  - Cleaning of underground electrical panels approximately 40% completed



Joe Franco, CBFO Manager

CLOSING COMMENTS

Questions & Answers