Recent History of Backshifts

- CHBWV’s proposal had a reduced backshift
  - 2010 backshift had 4 operators, 1 Supervisor, & 1 Rad Tech

- During Transition, review confirmed reduced backshift justified
  - Many systems no longer active
  - Many procedures could be stream-lined/eliminated
  - Many surveillances and backshift activities could be stream-lined/eliminated
  - Backshift operating practices/crew size not commensurate with no active operations (surveillances and routine preventive maintenance only)
CHBWV Approach

- Maximize risk reduction by placing more workers on risk-reduction/risk-elimination activities
  - Cold, dark, & dry projects
  - Waste packaging & shipping activities
  - D&D projects
- Reduce inefficiencies in backshifts
  - Right size backshift crews commensurate with risks
  - Reassign displaced backshift personnel to risk-reduction activities (projects, waste, and D&D operations)
  - Reduced backshifts in "phases" to ensure proper assignment of resources for monitoring plant
- Good stewards of government/taxpayers' monies

Backshift Reassignment Phases

- **Phase 1 Complete**: At contract start - Backshift reduced to 2 operators with incident command qualifications & 1 Rad Tech
  - Performed evaluation of necessary actions for Phase 2 monitoring
    - Permit-driven water readings every 4 hours that would require new continuous monitoring equipment installed
    - Alarm evaluation to determine actions to minimize spurious alarms and plant affects from real alarms and non-routine events
    - Identified procedure changes for reducing/eliminating current surveillances
- **Phase 2 Complete**: Installed new wireless technology/operations hub; right-sized surveillances & back-shift monitoring activities; reduced backshift to 1 operator with incident command qualifications & 1 Rad Tech
- **Phase 3 Working**: Facilities being taken cold, dark, and dry; continue to right size monitoring for remaining systems, install additional wireless capabilities; reduce backshifts commensurate with risks and ability to respond to emergencies