

ICP

IDAHO CLEANUP PROJECT

ICP D&D Activities

March 19, 2015



SAFELY PLAN ♦ MOTIVATE ♦ DELIVER

- ◆ Central Facilities Area – Building CFA-689 Non-Radioactive Asbestos Abatement and Beryllium Dust Removal
 - Issues / Challenges
 - ◆ None
 - Waste Streams
 - ◆ Beryllium Waste
 - 1,280 ft³ to be disposed of at the CFA Landfill
 - ◆ Beryllium / Non-Friable Asbestos
 - 2,560 ft³ to be disposed of at the CFA Landfill
 - ◆ Asbestos / Friable
 - 1,280 ft³ to be disposed of at the CFA Asbestos Landfill

- ◆ Materials and Fuels Complex - Building MFC-766 Sodium Treatment
 - Issues / Challenges
 - ◆ Treatment of Legacy Sodium and Sodium Contaminated Materials
 - Waste Streams
 - ◆ Mixed Low-Level Waste (MLLW) Sodium Hydroxide / Sodium Carbonate Solution
 - 2,640 gallons of MLLW liquid to be treated at EnergySolutions
 - ◆ Low-Level Waste (LLW) Off-Gas Treatment System Liquid to be disposed of at the Idaho CERCLA Disposal Facility (ICDF) Evaporation Pond

- ◆ Miscellaneous D&D Activities

- Issues / Challenges

- ◆ None

- Waste Streams

- ◆ LLW CERCLA Debris

- 150 ft³ collected in a cargo container for disposal at the ICDF landfill or Nevada National Security Site (NNSS)

- ◆ Hazard removal at Central Facilities Area – Building CFA-690
 - Issues / Challenges
 - ◆ Working with legacy Perchloric Acid Hoods
 - Waste Streams
 - ◆ Non-Radioactive Asbestos / Friable
 - 3,480 ft³ to be disposed of at the CFA Asbestos Landfill
 - ◆ MLLW Perchloric Acid Hood Rinse Liquids
 - 240 gallons to be disposed of at EnergySolutions

- ◆ Materials and Fuels Complex – Buildings MFC-766 and MFC-1724 Demolition Ready / Hazards Removal
 - Issues / Challenges
 - ◆ None
 - Waste Streams
 - ◆ LLW
 - 2,560 ft³ of CERCLA LLW Debris to be disposed of at the ICDF or NNSS
 - ◆ MLLW
 - 5 ft³ of MLLW to be treated / disposed of at EnergySolutions

ICP Core Contractor

- ◆ Materials and Fuels Complex – Building MFC-767 demolition and placement of final concrete cover
 - Issues / Challenges
 - ◆ Demolition of the reactor dome and crane in a sensitive area
 - Waste Streams
 - ◆ Industrial waste to be disposed of on-site
 - ◆ LLW debris to be disposed of at the ICDF or NNSS

ICP Core Contractor

- ◆ Materials and Fuels Complex – Building MFC-766 RCRA closure and demolition
 - Issues / Challenges
 - ◆ None
 - Waste Streams
 - ◆ Industrial waste to be disposed of on-site
 - ◆ CERCLA LLW debris to be disposed of at the ICDF or NNSS

ICP Core Contractor

- ◆ Advanced Mixed Waste Treatment Project (AMWTP) RCRA closure
 - Issues / Challenges
 - ◆ None
 - Waste Streams
 - ◆ Industrial Waste to be disposed of on-site
 - ◆ LLW debris to be disposed of at NNSS
 - ◆ MLLW to be treated / disposed of off-site

D&D Prime Contractor

- ◆ Integrated Waste Treatment Unit (IWTU) strip out
 - Issues / Challenges
 - ◆ None
 - Waste Streams
 - ◆ Industrial Waste to be disposed of on-site
 - ◆ LLW debris to be disposed of at NNSS
 - ◆ MLLW to be treated / disposed of off-site