

LLRW Management Disposal Update

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Values



- We always put Safety first
- We build Trust by
 - always telling the truth
 - making our Customer's success our success
 - being the best in the World at what we do
 - and delivering results
- We care deeply about our Employees and want them to be happy and successful

Logistics, Processing & Disposal



Logistics

- Provide all aspects of complex planning and transportation
- Dedicated fleet of tractors, trailers, railcars, and containers

Processing

- Own/operate multiple processing facilities in South Carolina, Utah, and Tennessee
- The most diverse capabilities in the U.S. for handling, treating, and processing radioactive materials

Disposal

- Own the largest commercial radioactive waste disposal facility for Class A low-level radioactive waste (LLRW) in the U.S.
- Operate the LLRW disposal facility in Barnwell, SC to dispose of Class A, B, and C LLRW from Atlantic Compact states

Range of Products & Services





Casks and Containers



Liquid Waste Processing Equipment



Analytical Services



Decontamination and Decommissioning



Metal Melt & Beneficial Reuse



Large Component Transportation

Clive Disposal Facility

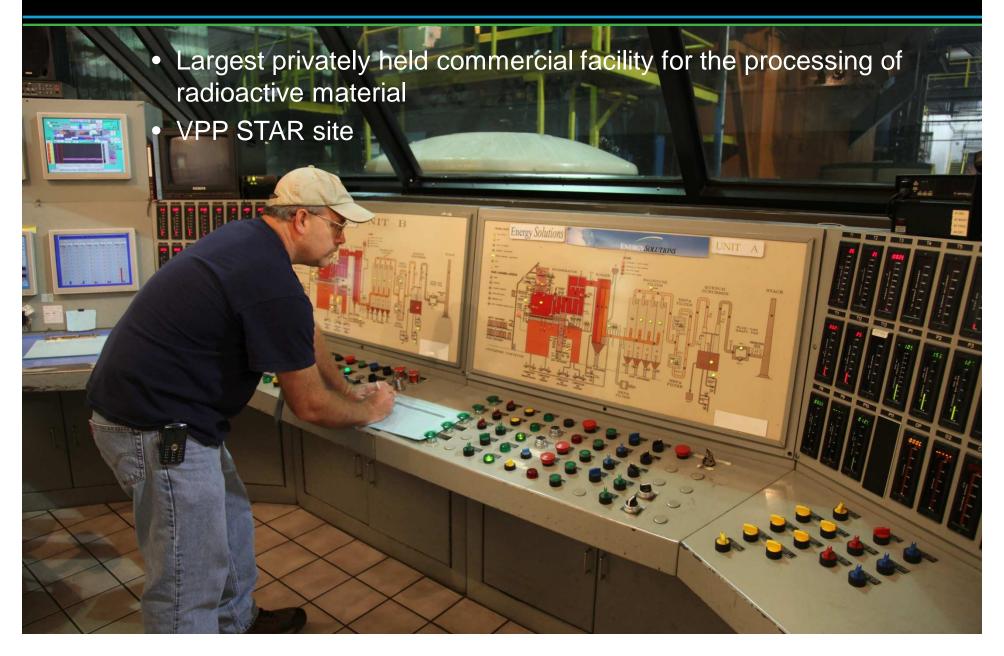


- World's largest commercial radioactive waste disposal facility
- ~30 years of capacity remaining under current permits
- 20 years of proven experience in treatment and disposal of complex waste streams



Bear Creek Processing Facility





Customized Solutions



- Facility operations
- Materials management
- Recycling and equipment disposition
- Professional engineering services
- Radioactive materials preparation, profiling, processing, treatment and disposal
- Transportation and logistics
- Emergency response

Zion Decommissioning

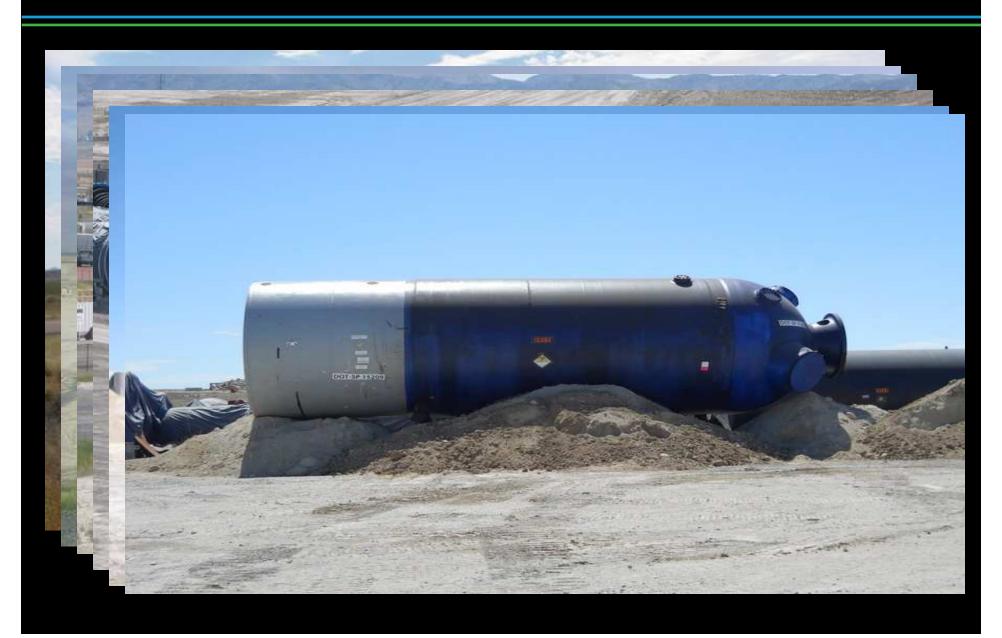


Energy Solutions has entered into a first-of-its-kind "license stewardship" agreement for the decommissioning, site restoration, and dry fuel storage for the two-unit Zion nuclear power plant in Illinois



SONGS Steam Generator Project





Sealed Sources



- Energy Solutions submitted a request to the Utah Division of Radiation Control (DRC) to accept Class A sealed sources (August 2011)
- DRC draft approval is out for public comment through March 13, 2012
- Approval would allow disposal of Class A sealed sources for one year
 - Waste Class is calculated based on the activity and volume of each individual sealed source
 - Sources will be disposed at CWF

Blending



- Nuclear power plant resins are classified for disposal post-processing
 - Processing of high activity with low activity resins has been defined as "blending" by regulators
- Utah DRC approved Energy Solutions to receive up to 40,000 ft³ of "blended" Class A waste per year from SEMPRASAFE
- SEMPRASAFE is a joint venture between Energy Solutions and Studsvik that takes advantage of Studsvik's technology to process resins into a safer, more stable waste form, enabling immediate disposal at Energy Solutions' Clive, UT disposal facility

