

# Fact Sheet

## Zion Station Decommissioning and Site Restoration



## Disposal of Radioactive Material



Clive Disposal Facility in Utah's West Desert  
EnergySolutions is the owner and operator of this facility



Railcar Roller at Clive  
This equipment allows for fast, efficient unloading of material

Removal of radioactive materials such as piping, tanks, valves, and pumps, and subsequent independent verification, allows for the termination of the Zion Station's NRC license. Most of the low-level radioactive waste (LLRW) from the decommissioning and site restoration of the Zion Station will be disposed of at EnergySolutions' LLRW disposal facility in Utah. This facility currently handles more than 95 percent of all the commercial LLRW disposal volume in the United States.

The EnergySolutions' disposal facility is located 80 miles west of Salt Lake City, Utah, near the rail siding of Clive in Tooele County. The site's remote location, low amounts of rain, and stable geology were some of the reasons the area was originally selected as a disposal site.

### Quick Facts

- Low-level radioactive waste (LLRW) from the Zion Station project will be building debris and equipment that can be disposed at EnergySolutions' disposal site.
- ZionSolutions estimates that it will package and transport several million cubic feet of LLRW to EnergySolutions' disposal site in Clive, Utah.
- EnergySolutions receives "Class A" LLRW from all U.S. operating nuclear power plants, as well as plants being decommissioned.
- LLRW is placed into secure, engineered, lined trenches that are capped and monitored.
- Class A waste is the lowest level of radioactive waste. It includes material with limited radioactivity or materials that will decay within a 100-year period to a lower radiation level that does not present any hazards to workers and the public.
- The Clive facility boasts a fleet of supergondola rail cars, intermodal waste and decontamination facility, and a 6,000-hp metal shredder.

Our expert team of operators, technicians, and safety personnel ensure that waste is disposed of properly, safely, and in full compliance with the State of Utah and Nuclear Regulatory Commission (NRC) requirements. Operations are regulated and frequently inspected by state and federal agency personnel.

### For more information:

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