

**Petition to Export Class A Low-Level Radioactive
Waste for Treatment and Permanent Disposal**

1. **Petition.** Luminant Generation Company LLC (“Luminant”), owner of the Comanche Peak Nuclear Power Plant (“Comanche Peak”), with the principal offices of Luminant located at 1601 Bryan, Dallas, Texas 75201.
2. **Proposed Disposal Facility.** Energy Solutions, LLC’s, non-compact, commercial facility near Clive, Utah, pursuant to a long-term disposal agreement with Energy Solutions, LLC for low-level radioactive waste from Comanche Peak.

Note. Some waste will require volume reduction processing or treatment at Energy Solutions’ facilities in Tennessee prior to disposal of Energy Solutions facilities in Utah pursuant to the existing agreement.

3. **Effective Period.** From January 1, 2015 through August 30, 2015.
4. **Specified Amount.** The table below is an estimate of anticipated volume and waste type that will be stripped during the period of this Petition. The waste quantity provided below represents an untreated and treated waste volume that will be shipped from Comanche Peak. Pursuant to the existing agreement with Energy Solutions, waste treatment decisions, methods and timing occur at Energy Solutions’ discretion to provide optimized cost.
5. All low-level radioactive waste (“LLRW”) to be disposed of under this Petition will be low-dose rate, low density Class A DAW LLRW, and low-dose rate, high density Class A LLRW, all of which is ≤ 120 mR/hr on the shipping package.

Dry Active Waste ft³

Amount	9,000
10% Contingency	900
Total petition ft ³	9,900

Submitted this 15 day of October 2014

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Radiation Protection Supervisor