



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

- 1. **Petitioner:** 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:** EnergySolutions, LLC’s, non-compact, commercial facility near Clive, Utah, pursuant to a long-term disposal agreement with EnergySolutions, LLC for low-level radioactive waste from Comanche Peak.

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


- 3. **Effective Period:** From January 1, 2013 through December 31, 2013.
- 4. **Specified Amount:** The table below is an estimate of anticipated volume and waste type that will be shipped 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 EnergySolutions, waste treatment decisions, methods and timing occur at EnergySolutions’ 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	19,000
10% Contingency	1900
Total petition ft ³	20,900

Submitted this 14th day of November 2012

Robert C. Knapp



 Robert C. Knapp
 Comanche Peak Nuclear Power Plant
 Radiation Protection Supervisor