

**TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT  
COMMISSION**

**Order Authorizing the Export of Waste for**

**Luminant Generation Company LLC**

On or about November 14, 2012 the Texas Low-Level Radioactive Waste Disposal Compact Commission ("Commission") received from **Luminant Generation Company LLC**, a Petition to Export Class A Low-Level Radioactive Waste for Permanent Disposal ("Petition") in the **Energy Solutions, LLC** facility, located near Clive, Utah. The Petition was filed pursuant to Section 3.05(7) of the Texas Low-Level Radioactive Waste Disposal Compact and the Commission resolution dated December 11, 2009, authorizing consideration of such export petitions.

At the Commission's meeting posted for November 30, 2012, a majority of the members of the Commission voted to approve the Petition filed by **Luminant Generation Company LLC**, on the terms stated in the Petition, subject only to the following terms and conditions:

1. **Luminant Generation Company LLC** will supply to the Commission:
  - a. Manifests and/or reports of volume, mass, and activity sent for ultimate disposal which are satisfactory to the Commission.
  - b. Final reconciliation of waste volume concluded not later than 180 days post Order period.
  
2. The Period of the shipment of the waste from the site of generation is authorized as effective from November 30, 2012 through December 31, 2013.

It is hereby ordered that **Luminant Generation Company LLC** is authorized to export low-level radioactive waste as requested in the Petition, subject to the terms and condition as stated in this Order. The Petition is attached to this Order.

Signed this 24th day of January, 2013



Robert Wilson, Chair

Texas Low-Level Radioactive Waste Disposal Compact Commission.



**Luminant**

**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  $\leq 120$  mR/hr on the shipping package.

**Dry Active Waste ft<sup>3</sup>**

Amount	19,000
10% Contingency	1900
<b>Total petition ft<sup>3</sup></b>	<b>20,900</b>

Submitted this 14th day of November 2012

**Robert C. Knapp**

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