



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

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April 28, 2010

Ms. Margaret Henderson  
Interim Executive Director  
TLLRWDC  
3616 Far West Blvd., Ste. 117, #294  
Austin, TX 78731

Re: Petition to Export Class A Low-Level Radioactive ("LLRW") Waste pursuant to Resolution adopted by the TLLRWDC on December 11, 2009

Dear Ms. Henderson:

Enclosed please find a Petition to export Class A LLRW for permanent disposal in the non-compact, commercial EnergySolutions, LLC, facility located near Clive, Utah, pursuant to an existing life-of-plant disposal agreement with EnergySolutions, LLC for disposal of low-level radioactive waste from the South Texas Project. The proposed expiration date of this Petition for all forms of Class A LLRW is May 31, 2011, or until such later time as the Compact Waste Facility is open and accepting LLRW for disposal. Also enclosed is a suggested form of Order Authorizing the Export of LLRW.

We wish to advise the Compact Commission that this petition is filed with the support of Waste Control Specialists LLC, and that such support as it pertains to the two reactor heads included in the petition, is subject to ongoing negotiation of conditions that if met could result in disposal of the heads in the Compact Waste Facility.

We would be pleased to provide you with any further information upon your written request if the Commission needs more information to consider and act upon the petition.

The enclosed Petition is being transmitted to you by electronic mail and regular mail. Please be so kind as to confirm receipt by return email to me at [wtbullard@STPEGS.COM](mailto:wtbullard@STPEGS.COM).

Respectfully submitted,

A handwritten signature in cursive script that reads 'William T. Bullard'.

William T. Bullard, CHP, Health Physics General Supervisor



South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

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

- Petitioner:** STP Nuclear Operating Company (STPNOC), P.O. Box 289, Wadsworth, Texas 77483.
- Proposed Disposal Facility:** EnergySolutions, LLC, non-compact, commercial facility near Clive, Utah, pursuant to life-of-plant contract with STPNOC.

Note: Some waste will require volume reduction processing or treatment at EnergySolutions' facilities in Tennessee prior to disposal in Utah pursuant to existing STPNOC contract with EnergySolutions.

- Effective Period:** October 1, 2010 through May 31, 2011 or until such later time as the Compact Waste Facility is open and accepting waste for disposal.
- Specified Amount:** The table below estimates the volume and waste type that will be shipped during the period of this petition. The waste quantity provided below represents an untreated waste volume that will be shipped from the South Texas Project. Pursuant to existing contract with EnergySolutions, waste treatment decisions, methods and timing occur at EnergySolutions' discretion to provide optimized cost.

	<b>Dry Active Waste ft<sup>3</sup></b>	<b>Class A Resin ft<sup>3</sup></b>	<b>Class A High Dose Rate DAW&amp; Filters ft<sup>3</sup></b>	<b>2 Reactor Heads, associated commodities and secondary wastes ft<sup>3</sup></b>	<b>Total Estimate ft<sup>3</sup></b>
Totals	17,680	206	720	18,000	36,606
				10% Contingency	3661
				<b>Total Petition</b>	<b>40,267</b>

Submitted this 28th day of April 2010

  
 William T. Bullard, CHP, Health Physics General Supervisor

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

**Order Authorizing the Export of Waste**

STP Nuclear Operating Company

On April 28, 2010 the Texas Low-Level Radioactive Waste Disposal Compact Commission (“Commission”) received from the STP Nuclear Operating Company (“STPNOC”) a Petition to Export Class A Low-Level Radioactive Waste for Permanent Disposal (“Petition”) in the EnergySolutions, 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.

By a [ ] vote of those present, with [ ] absent, at the Commission’s meeting posted for May 11, 2010, a majority of the members of the Commission approved the Petition filed by STPNOC on the terms stated in the Petition, subject only to the following terms and conditions:

1. STPNOC 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 the date as submitted in the Petition shall expire at the end of the day on May 31, 2011, or until such later time as the Texas Compact Waste Facility is open and accepting waste for disposal.

It is hereby Ordered that the STP Nuclear Operating Company is authorized to export low-level radioactive waste as requested in the Petition, subject to the terms and conditions as stated in this Order. The Petition is attached to this Order.

Signed May \_\_\_\_\_, 2010.

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Michael S. Ford, C.H.P., Chair  
Texas Low-Level Radioactive Waste Disposal Compact Commission