

Texas Low-Level Radioactive Waste Disposal Compact Commission

Stephen Raines, Executive Director

1502 West Avenue Austin, TX 78701

www.tllrwdcc.org

Chair

Brandon T. Hurley, TX

Vice-Chair

John M. Salsman, TX

Commissioners

Ryan Anwar, TX

Peter Bradford, VT

Linda Morris, LMP, TX

Jeff Mundy, TX

Sumana Nayak, TX

Richard Saudek, VT

January 31, 2025

The Honorable Greg Abbott, Governor of Texas

P.O. Box 12428

Austin, TX 78711-2428

The Honorable Phil Scott, Governor of Vermont

109 State Street Pavilion

Montpelier, VT 05609

The Honorable Dan Patrick, Lieutenant Governor of Texas

P.O. Box 12068

Austin, TX 78711

The Honorable John Rodgers, Lieutenant Governor of Vermont

115 State Street

Montpelier, VT 05602

The Honorable Dustin Burrows, Speaker of the House of Texas

P.O. Box 2910, 2W.13

Austin, TX 78768

The Honorable Jill Krowinski, Speaker of the House of Representatives of Vermont

115 State Street

Montpelier, VT 05633

Commissioner Kerrick Johnson, Department of Public Service of Vermont

112 State Street Third Floor

Montpelier, VT • 05620-2601

Subject: Annual Report for 2024 TLLRWDCD Activities

Dear Governor Abbott, Governor Scott, Governor Patrick, Governor Rodgers, Speaker Burrows, Speaker Krowinski, and Commissioner Johnson,

As suggested in Article III, Section 3.04, Paragraph 8 of the Texas Low-Level Radioactive Waste Disposal Compact, I am pleased to provide the 2024 annual report of the Texas Low-Level Radioactive Waste Disposal Compact Commission (“TLLRWDC” or “Commission”). The Commission is the product of a federal law which created an interstate compact whose member states are Texas and Vermont. It was created to provide a safe and effective disposal facility for generators of low-level radioactive waste generated in Texas and Vermont and to allow Texas and Vermont, acting through the Commission, to restrict the import and disposal of wastes from states other than Texas and Vermont and international sources.

This annual report provides: (1) a review of the mission statement of the TLLRWDC; (2) the current organizational structure of the Commission, including board members and term expiration dates; (3) the volumes of low level radioactive waste exported from and imported into the member states of the Compact; (4) a description of the revenue generated as a result of the agreements approved by the TLLRWDC for the importation of low-level radioactive waste into the Compact Waste Facility located in Andrews County, Texas that is operated by Waste Control Specialists; and (5) the status of the monitoring and protection of capacity for disposal at the Compact Waste Facility being done by the Commission. All independent audits conducted on behalf of the TLLRWDC in compliance with the Compact are provided on the TLLRWDC web-site at www.tllrwcc.org. The most recent audit the Commission has received from its auditors is attached to this report.

1. Mission Statement:

It is the mission of the TLLRWDC to promote the health, safety and welfare of the citizens and the environment of the Compact’s party states; to ensure the safe, effective, efficient, and economical disposal and management of low-level radioactive waste and to encourage the reduction of the generation thereof; and to distribute the costs, benefits and obligations among party states of this process; all in accord with the terms of the Compact. The primary activities of the Commission involve review and approval or denial of requests to ship waste from states other than Vermont and Texas to the Compact facility in Andrews, TX. Shipments from other states into the facility are called “imports.” (See Table 2 below). From time to time, the Commission also receives requests to authorize “exports” of low-level radioactive waste from generators located in Texas or Vermont to a facility in another state (Table 3 below).

The TLLRWDC and its members have the powers and duties prescribed by the compact and the members of the Commission are responsible for administering the provisions of the compact. Texas and Vermont are the party states to the Compact. The party states recognize a responsibility for each state to effectively manage low-level radioactive waste generated within its boundaries, pursuant to the Low-Level Radioactive Waste Policy Act, as amended by the Low-Level Radioactive Waste Policy Amendments Act of 1985 (42 U.S.C. Sections 2021b-2021j). They also recognize the United States Congress, by enacting the Act, has authorized and encouraged states to enter into compacts for the efficient management and disposal of low-

level radioactive waste. It is the stated policy of the party states to cooperate in the protection of the health, safety, and welfare of their citizens and the environment and to provide for and encourage the economic management and disposal of low-level radioactive waste. It is the purpose of this compact to provide the framework for and facilitate such a cooperative effort.

2. Organizational Structure:

The TLLRWDC's governing body is composed of six volunteer Commissioners appointed by the Governor of Texas and two Commissioners appointed by the Governor of Vermont. To support the Commissioners, the TLLRWDC contracts with one Executive Director who is responsible for managing the Commission's day-to-day operations and one Deputy Executive Director who provides support. Board members and their term expiration dates are provided below in Table 1.

Table 1: Board Members and Term Expiration Dates

Board Member	Term Expiration Dates
Brandon Hurley (Chair)	August 31, 2025
John Salsman (Vice-Chair)	August 31, 2029
Linda Morris, LMP	August 31, 2027
Jeff Mundy	August 31, 2025
Sumana Nayak	August 31, 2027
Ryan Anwar	August 31, 2029
Peter Bradford (Vermont)*	
Richard H. Saudek (Vermont)*	

*Vermont Commissioners serve at the pleasure of the Governor of Vermont

3. Approved Import and Export Waste Volumes

There are import agreements entered by the Commission with out-of-compact generators of low-level waste which may have resulted in waste shipments to the facility in Andrews, Texas during 2024. These agreements are detailed below in Table 2. The term "volume," as used in this report, is defined as the total volume of low-level radioactive waste proposed for disposal by out-of-compact generators measured in cubic feet. The term "Curies", as used in this report, is the unit of measure describing the intensity of radioactivity (produced by the disintegration of radioactive elements) associated with the waste proposed for disposal estimated at the time of receipt of the waste at the Compact Waste Facility in Andrews, Texas.

Table 2: Import Agreements Impacting 2024

Petitioner	Volume (ft ³)	Curies	State
ADP CR3	20,278	14,942	Florida
Aerojet Ordnance	750	12	Tennessee
Alaron Nuclear Services	72	21	multiple
Arizona Public Service	1098	92	Arizona
Bionomics, Inc.	84	6,799	multiple
BWX Technologies	150	0	Virginia
C+C Environmental	70	66	multiple
Constellation Energy	1,116	723	Pennsylvania
Dominion Energy	120	75	Virginia
Duke Energy-Brunswick	111	19,500	North Carolina
Energy Solutions	231	2,456	Multiple
Entergy Grand Gulf	451	60,795	Mississippi
Framatome	30	2	Virginia
GE Hitachi	1,827	36	California
Holtec Decommissioning International	24,313	1,186	multiple
Lantheus Medical Imaging	7	1	Massachusetts
NAC Philotechnics	54	30	multiple
Nuclear Sources and Services Inc.	4	1	multiple

PG&E-Diablo Canyon Power Plant	290	40	California
Revvity	75	32	Massachusetts
Southern Nuclear Co	535	20,951	Georgia
Tennessee Valley Authority	121	23	Tennessee
Toxco Materials and Management Center	696	5	Tennessee
US Army Joint Munitions Command	270	8	Tennessee
Xcel Energy-Monticello	194	19	Minnesota
Xcel Energy Prairie Island	199	20	Minnesota

The Commission has issued one export authorization to Bionomics which resulted in low level radioactive waste being shipped out of the Compact to Tennessee during 2024. The Commission also authorized exports by the two Texas nuclear power facilities, but only for exigent circumstances. Those facilities have not exported waste. Vermont Yankee shipped 16,034 ft³ and 70 curies in 2024.

4. Revenue Associated with Agreements Approved by the TLLRWDC

As a result of import agreements entered into in 2023 and 2024, a number of shipments were made by out-of-compact generators to the Compact Waste Facility in Andrews, TX. Each of these out-of-compact shipments resulted in a fee of 10% for Q1 to Q3 2024, and 20% for Q4 2024 of the amount charged for disposal being paid to the Texas Commission on Environmental Quality, which oversees the operations of the facility. The quarterly totals of the out-of-compact disposal fees for 2024 are listed below in Table 4. Also provided in Table 4 are the annual out-of-compact disposal fees collected each year since 2015; when the Compact Waste Facility began taking out-of-compact radioactive waste.

Description	Quantity
1 st Quarter 2024	\$257,155.19
2 nd Quarter 2024	\$1,379,860.00
3 rd Quarter 2024	\$1,532,250.34
4 th Quarter 2024	\$1,077,202.68

Total Fees 2024	\$4,506,364.13
Total Fees 2023	\$4,636,219.96
Total Fees 2022	\$2,834,081.47
Total Fees 2021	\$2,286,280.93
Total Fees 2020	\$2,610,464.48
Total Fees 2019	\$2,885,763.34
Total Fees 2018	\$2,091,621.46
Total Fees 2017	\$4,699,561.12
Total Fees 2016	\$3,132,315.05
Total Fees 2015	\$11,037,231.18

Breakdown of Fees from Out –of-Compact Disposal - FY 2024

5. Monitoring and Protection of Capacity at the Compact Waste Facility

Another primary mission of the TLLRWDC is to ensure that adequate capacity exists at the Compact Waste Facility in Andrews County to meet the future needs of both party states’ generators of low-level radioactive waste. To this end, each application is reviewed to ensure the proposed disposal of out-of-compact generators will not adversely impact the capacity of the Compact Waste Facility. Specifically, each import application is reviewed by the Technical Committee of the TLLRWDC to ensure the requested volume and curies, when added with other authorized shipments, will not impinge upon the capacity needed by party state generators.

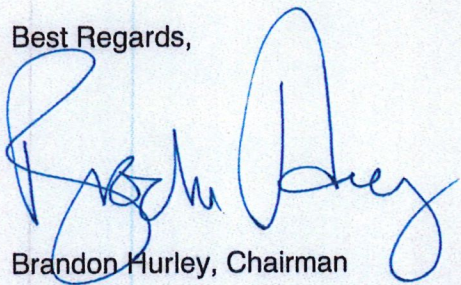
The Commission recently instituted a new program to monitor availability of capacity in connection with approved agreements for importation of out of compact waste based on the current disposal capacity that is currently left at the Andrews Facility. The current constructed capacity allows for 875,000 cubic feet of waste. The figure of 875,000 cubic feet increased last year as the facility operator requested approval from the Texas Commission on Environmental Quality to construct another cell of 425,000 cubic feet. As of December 31, 2024, the total volume of waste disposed of in the Compact Waste Facility is 388,937 cubic feet. To ensure the Commission does not authorize a volume of imported waste more than the remaining capacity (and considering the capacity needed by in-compact generators), recent importation agreements included an administrative approval process for importation of waste at the time the generator is prepared to ship to ensure adequate capacity exists. This program continued until the next phase of construction was completed at the Compact Waste Facility and received approval by the Texas Commission on Environmental Quality. The Commission may bring this program back as capacity reduces.

The total volume disposed of at the Compact Waste Facility as of December 31, 2024, totals 4% of the permitted (not constructed) volumetric capacity of the Compact Waste Facility and the

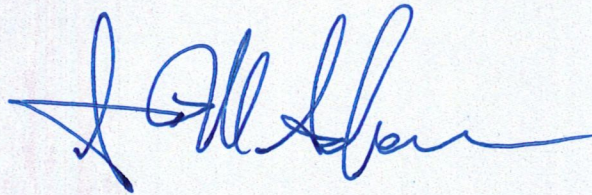
The total volume disposed of at the Compact Waste Facility as of December 31, 2024, totals 4% of the permitted (not constructed) volumetric capacity of the Compact Waste Facility and the total curies associated with these same volumes of disposed waste (623,531 Ci) total less than 20% of the permitted curies for the facility.

Thank you for the opportunity to provide this report, and please let us know if you have any questions or comments.

Best Regards,



Brandon Hurley, Chairman



John M. Salsman, Vice-Chairman

Attachment: 2023 Audit of the TLLRWDC

CC: Ryan Anwar, Commissioner
Linda Morris, Commissioner
Jeff Mundy, Commissioner
Sumana Nayak, Commissioner
Richard H. Saudek, Commissioner
Peter Bradford, Commissioner