



**Department of State Health Services (DSHS)
Program Report to the Texas Radiation Advisory Board (TRAB)
Consumer Protection Division**

**April 17, 2026
Radiation Section**

Licensing and Registration Activities

License Type	Companies	Sites
X-Ray Registrations	20,569	27,087
Laser	4,594	5,437
Mammography	644	644

Registration Completed Actions: December 2025 – February 2026				
	New	Renewal	Amendment	Termination
X-Ray	709	128	755	444
Laser	352	30	142	112
Mammography	12	39	91	9
Total	3,424	1,073	988	565

RAM Licensing actions: December 2025 – February 2026				
	New	Renewal	Amendment	Termination
General License Acknowledgment	5	2	11	5
RAM	17	26	271	13
Waste Shipper/Transporter	4	9	0	0
RAM Reciprocity	9	0	2	0
Sealed Source and Device	0	0	0	0
TOTAL	35	37	284	18

Industrial Radiographer Certification	
Application for Exam	317
Trainee Application	228
Renewal Application	63
Non-Texas Radiographer	62
TOTAL	670

Rulemaking

- §289.130 Radiation Advisory Board
 - Moves rule from §289.130 to §3.7.
 - This schedule for this project will skip the public comment period for the draft version.
 - Put on the November 2026 Executive Council meeting schedule.
 - A 31-day public comment period is expected to be in October 2026.
 - Effective date is expected to be March 2027.
- §289.228 Radiation Safety Requirements for Industrial Radiation Machines
 - Rulemaking schedule has not been determined, but we are requesting the November 2026 Executive Council meeting date. That schedule will make it effective in March 2027.
 - The draft introduces requirements for whole-body security scanners used by detention facilities and removes the language for minimal threat machine exemptions.
 - The public comment periods are yet to be determined.
- §289.229 Radiation Safety Requirements for Accelerators, Therapeutic Radiation Machines, Radiation Therapy Simulation Systems, and Electronic Brachytherapy Devices
 - The definition for “Remote Operation” was revised to clarify that it applies to exposure to a patient and not interpretation of an image. §289.229 prohibits the remote operation of a therapy system.
 - A reference to a repealed rule was corrected. §289.229 was revised to reference TOC 602 for the Licensed Medical Physicist scope of practice.
 - This schedule for this project will skip the public comment period for the draft version.
 - Put on the November 2026 Executive Council meeting schedule.
 - A 31-day public comment period is expected to be in October 2026.
 - Effective date is expected to be March 2027.

Inspection Data

Number of Inspections				
	FY25 Q3 (3/1/25 – 5/30/25)		FY25 Q4 (6/1/25 – 8/31/25)	
	# Ins	# Insp with Violations	# Ins	# Insp with Violations
RAM	171	24 (14%)	114	19 (17%)
X-Ray	852	297 (35%)	746	267 (36%)
X-Ray Remote	154	53 (34%)	236	88 (37%)
Mammography	153	24 (16%)	146	22 (15%)
Laser	12	9 (75%)	12	11 (92%)
	FY26 Q1 (9/1/25 – 11/30/25)		FY26 Q2 (12/1/2025 – 2/28/2026)	
	# Ins	# Insp with Violations	# Ins	# Insp with Violations
RAM	155	27 (17%)	142	24 (17%)
X-Ray	809	319 (39%)	758	315 (42%)
X-Ray Remote	218	90 (41%)	211	99 (47%)
Mammography	208	40 (19%)	160	31 (19%)
Laser	14	13 (93%)	19	14 (74%)

Technical Staff Vacancies

Position	Location	Anticipated Fill Date	Notes
Mammography Inspector/Certification Reviewer	Tyler	TBD	To be posted
X-ray/Mammography Inspector	Amarillo	TBD	To be posted
X-ray Inspector	Austin	TBD	Offer in Process
X-Ray Inspector	Houston	TBD	To be posted
X-Ray Inspector	Houston	TBD	To be posted
X-Ray Inspector	Houston	TBD	To be posted
Remote X-ray Inspector	Austin	TBD	To be posted
RAM Inspector	Arlington	6/1/2026	Offer in Process
RAM Inspector	San Antonio	TBD	To be posted
RAM Inspector	Arlington	4/1/2026	Filled
RAM Inspector	Corpus Christi	4/1/2026	Filled
RAM Inspector	Houston	4/1/2026	Filled
RAM Inspector Trainer	Austin	4/1/2026	Filled
Health Physicist I (RAM Licensing)	Austin	TBD	Posted
Medical X-ray Reviewer	Austin	TBD	To be posted
Medical X-ray Reviewer	Austin	TBD	To be posted
X-Ray QA Reviewer	Austin	TBD	Offer in process
RAM Rule Coordinator	Austin	TBD	To be posted

Staff Training and Activities

- One RAM license reviewer and our RSO attended a weeklong NRC Facilities Decommissioning training course.
- Two RAM inspectors attended the NRC Root Cause/Incident Investigation Workshop.
- One RAM inspector attended the NRC Irradiator Technology course.
- One RAM inspector and one investigator attended the NRC Safety Aspects of Well Logging course.
- Six employees attended the REAC/TS Radiation Emergency Medicine course.
- One RAM inspector attended the NRC Aspects of Industrial Radiography Course.
- Three employees attended the Center for Radiological/Nuclear Training's Response to Radiological/Nuclear Weapons of Mass Destruction course.
- One RAM inspector assisted the NRC with an IMPEP review for the state of Washington.

Compliance Activities

January 2026 to March 2026:

- Orders: 74
- Administrative Penalties: \$ 193,235.00
- Revocations:
 - 2 X-ray registrations
 - 0 Laser registrations

Integrated Materials Performance Evaluation Program (IMPEP)

The Nuclear Regulatory Commission (NRC) conducted its 4-year review of the Agreement State Program between March 23rd and March 27th, 2026. DSHS was evaluated for radioactive materials and sealed-source and device programs. TCEQ was evaluated for uranium recovery and low-level radioactive waste programs. The evaluation reviewed 13 performance indicators across the two agencies. They reviewed the technical aspects, quality control, and regulatory compliance of inspections, investigations, licensing, and rulemaking to confirm that Texas is adequately administering the program and meets the Agreement State requirements and obligations. The NRC's preliminary findings are that the Agreement State program is "satisfactory" and can adequately meet compliance. "Satisfactory" is the highest rating by the NRC. The findings will go before the NRC's Management Review Board for final determination in early July 2026. The next IMPEP will take place in 6 years rather than 4 years, under the NRC's new procedures to extend the IMPEP period for high-performing states.

Mammography Branch

- One vacancy for an MQSA inspector/certification reviewer

X-Ray Inspections

- A presentation on the program was given by the X-Ray trainers to the Dallas County Dental Assistants' Society in March 2026.

Registration Branch

- Two vacancies for X-ray Registration Reviewers.

Operations Branch

- One vacancy for an X-ray QA Reviewer
- One vacancy for a RAM Rule Coordinator

Emergency Response Activities

South Texas Project Nuclear Power Plant (STP)

- A Radiological Emergency Response Team (RERT) Activation tabletop exercise was held on January 8 with 28 RERT members participating. Discussion included the process for activating and deploying the team in support of a nuclear power plant incident response.

Comanche Peak Nuclear Power Plant (CPNPP)

- No exercises or drills involving state participation were held during this period.

Waste Isolation Pilot Plant (WIPP)

- Local Briefings were conducted with representatives from Dawson and Gaines

counties.

- The WIPP program is currently working on exchanges and calibrations of the survey instruments along the WIPP route (I-20).
- A member of the WIPP team participated in a REAC/TS course in Oak Ridge, Tennessee.
- Since the last report, the WIPP Staff has scheduled two (2) training courses of the Compressed Modular Emergency Response Radiological Transportation Training (CMERRTT) course in Gaines and Dawson County.

Pantex/Agreement in Principle (AIP)

- The Pantex quarterly environmental sampling was completed on January 22, 2026.
- The quarterly Agreement in Principle meeting was held in Austin on January 28 and 29.
- Bruce Hammond, Sindiso Ncube, Art Tucker, and Shay Christian performed background surveys of the World Cup game and practice venues in the Dallas-Fort Worth area on February 18 and 19.
- Local AIP DSHS, TDEM, and Pantex EM attended an initial meeting on February 27 with the BSA Hospital in Amarillo to discuss training for Emergency Department staff regarding radiation contamination training.
- Bruce Hammond, Sindiso Ncube, and Shay Christian completed background surveys at the Houston World Cup game and practice venues, along with other key areas within a 5-mile radius of the NRG stadium.
- Shay Christian is participating in World Cup planning and map-building activities.
- On March 9, 2026, local AIP DSHS and TDEM completed a training drill with Northwest Texas Hospital Emergency Department staff on receiving, treating, and surveying of radiation-contaminated patients. Training included 12 Northwest Texas Hospital staff members.
- Local DSHS participated in a Pantex Full Scale Exercise on March 11, in the Pantex EOC. There was no off-site play.
- On March 23 and 24, the local DSHS AIP and RAP 4 supported Army North, CST, and the Amarillo Fire Department in an exercise for radiation and chemical contamination.
- On May 30, local DSHS, TDEM, and Pantex provided a drill for emergency room radiation detection and PPE donning/doffing techniques for the Pantex ERTF team. Fourteen team members attended.
- Instrument calibrations were performed on 78 instruments from January through March 2026.
- Plans and preparations are being made for a Contaminated Decedent Tabletop Exercise to be held April 8 with the AIP off-sites, Pantex, first responders, Shafer Funeral Home, and staff from two local cemeteries.
- Plans are in process for DSHS staff to complete a training session during the TDEM conference in May 2026.

Counterterrorism / Radiological WMD

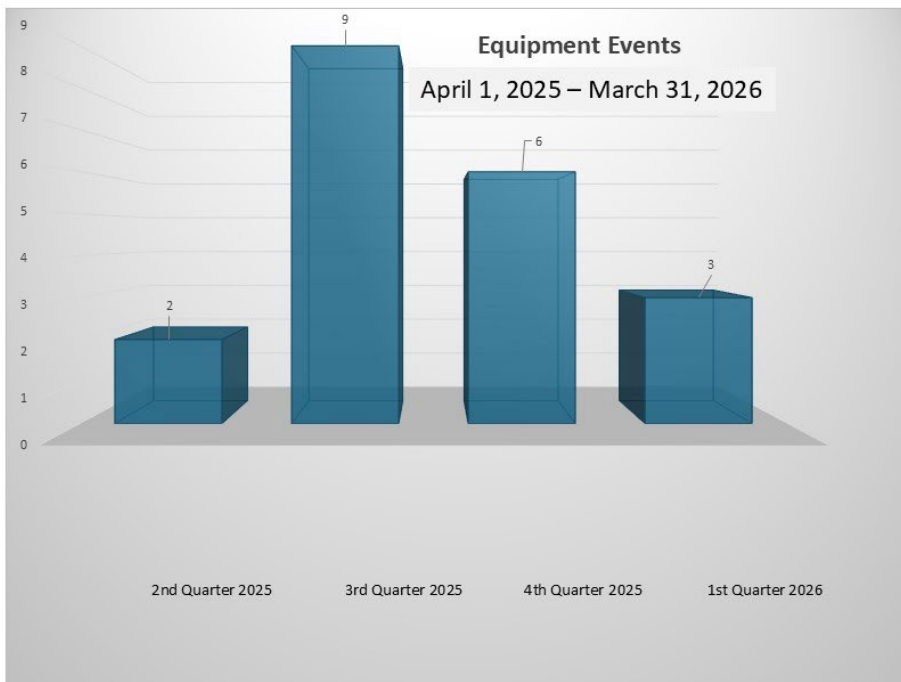
- DSHS Radiation Section is involved in supporting emergency response planning for the 2026 World Cup Soccer Event. This will include Dallas-Arlington and Houston areas since they are designated as the Host Cities for the scheduled soccer matches in June-July 2026. DSHS Radiation Section conducted two Radiation Workshops to support regional emergency planning for the two World Cup areas. On March 19th, a workshop was conducted for Public Health Region 2/3 in the Dallas-Ft Worth area, and the second workshop was conducted on April 1st for Public Health Region 6/5S in the Houston area. Both workshops were

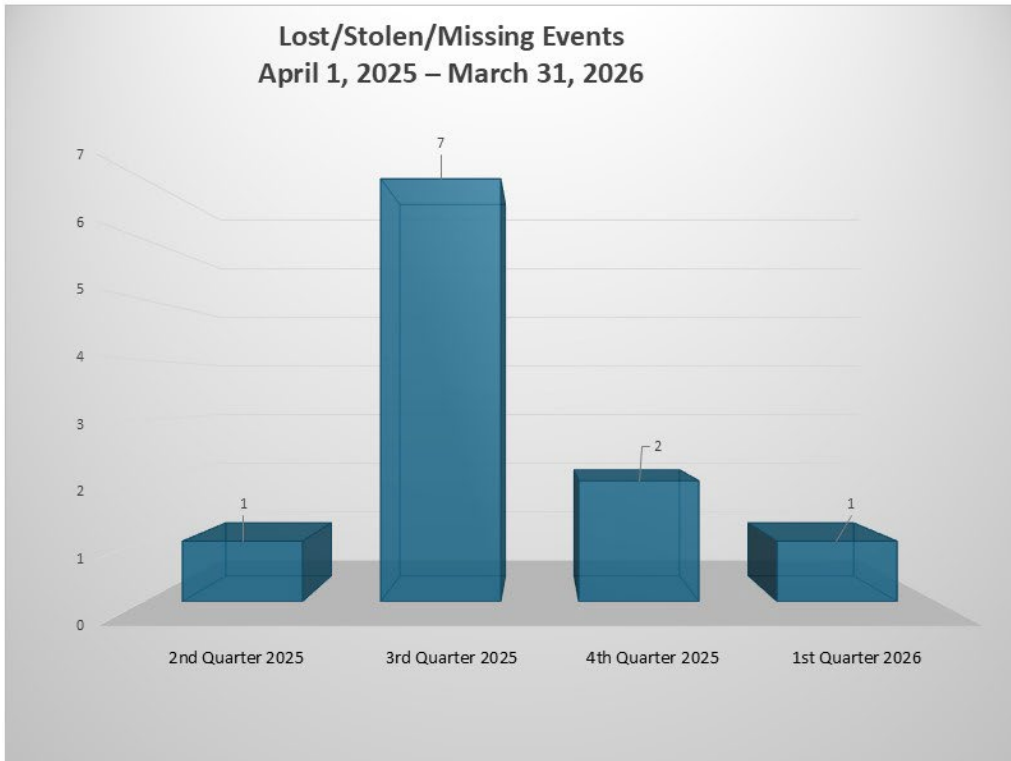
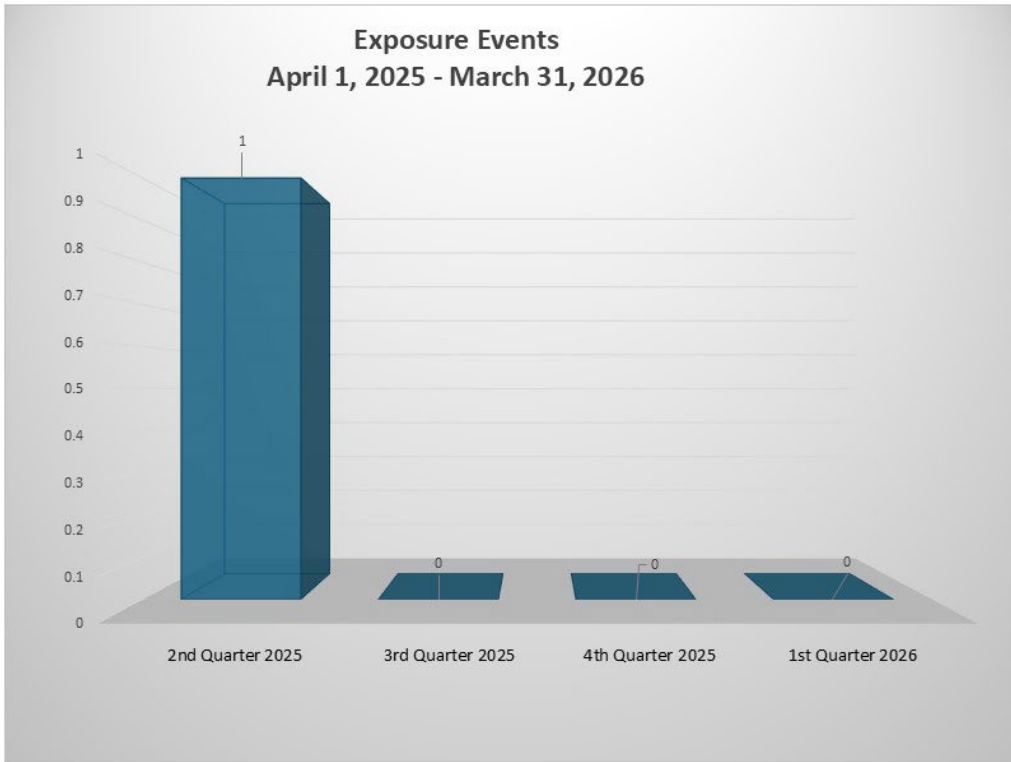
attended by Regional and Local Public Health Emergency Preparedness Coordinators and City and County Emergency Management Coordinators. DSHS Radiation Section continues to work with federal, state, and local partners in planning efforts supporting a radiological emergency response if it occurs during the 2026 World Cup Soccer Event.

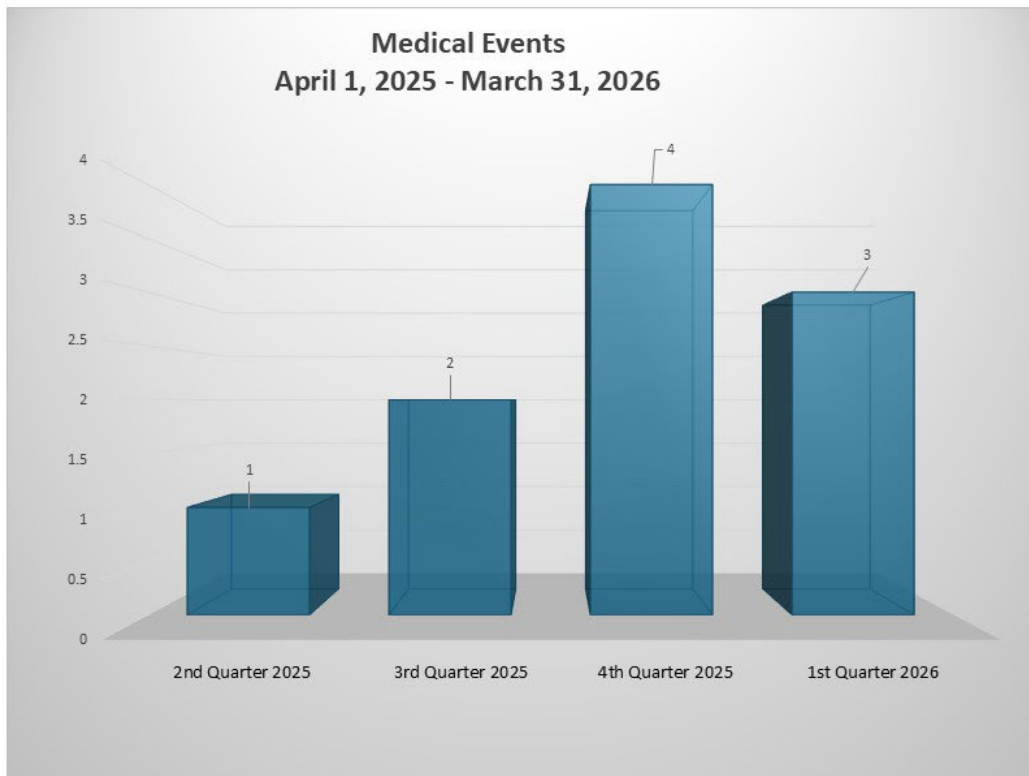
- DSHS Radiological Emergency Response Team (RERT) participated in the all-day Federal Isotope Crossroads Tabletop Exercise (TTX) on March 4th, 2026, in El Paso. This Radiological Weapons of Mass Destruction (WMD) terrorist exercise involved local, state, and federal organizations involved in Radiological Emergency Response actions.
- The DSHS Radiation Section continues to monitor Houston’s Securing the Cities (STC) Program. The STC Program seeks to reduce the risk of a successful deployment of a radiological/nuclear (R/N) terrorist weapon against a major metropolitan area in the United States by establishing a sustainable capability to detect, analyze, and report nuclear and other radioactive materials out of regulatory control within their jurisdictions. The STC grant is used to train and equip personnel to be proficient in the use of R/N detection equipment and guided by detection and response protocols. This program is now state-wide, working with the Texas Department of Public Safety, local law enforcement, and first responders to train and equip personnel on Preventative Radiological/Nuclear Detection (PRND) issued equipment. Clint Taylor and Rae Walker monitor this program and participate in monthly meetings, scheduled training, and exercises.

Incident Investigations

The graphs below reflect the numbers and categories of incidents received during this reporting period.







Medical Event Summaries:

- On March 9, 2026, the department was notified by the registrant that on March 2, 2026, a therapy event had occurred. A patient was treated at the wrong site during a skin cancer treatment. The patient had multiple lesions and had indicated the treatment spot for the technician, and the site was treated. It was determined the next day that the site treated was not the correct location. The patient is aware of the error. The registrant stated they will do a second verification of the proper positioning using a camera system prior to initiating the beam. The registrant stated they were not aware of the 24-hour notification requirement. They stated they will not make this mistake again.
- On March 10, 2026, the Agency received notification that there was a medical event at. The medical physicist/Radiation Safety Officer reported that a patient was treated at the wrong treatment site with a linear accelerator. The fifteen-day report was received on March 23, 2026. An on-site investigation was performed on 3/31/2026 for this incident and the incident below.
- A patient was treated on the wrong side. They were supposed to have a right breast treatment, but they received a dose to the left breast instead. The therapist did not verify that the correct treatment site was loaded into the machine prior to the treatment.

List of Acronyms

AIP	Agreement in Principle
CCTA	Complex Coordinated Terrorist Attack
CMERRTT	Compressed Modular Emergency Response Radiological Transportation Training
CPNPP	Comanche Peak Nuclear Power Plant
CRCPD	Conference of Radiation Control Program Directors
CST	Civil Support Team
CT	Computed Tomography
DSHS	Department of State Health Services
EOC	Emergency Management Center
EPZ	Emergency Planning Zone
FEMA	Federal Emergency Management Agency
HHSC	Health and Human Services Commission
HSSP	Homeland Security Strategic Plan
LLRW	Low-Level Radioactive Waste
MERTT	Modular Emergency Response Radiological Transportation Training
MQSA	Mammography Quality Standards Act
MSRR	Molten Salt Research Reactor
NEXT	Nuclear Energy eXperimental Testing Lab
NRC	Nuclear Regulatory Commission
OSL	Optically Stimulated Luminescence
PET/CT	Positron Emission Tomography-Computed Tomography
PRND	Preventative Radiological/Nuclear Detection
RAM	Radioactive Material
RAP	Radiological Assistance Program
RAPTER	Radiological Assistance Program Training for Emergency Response
RDD	Radiological Dispersal Device
REAC/TS	Radiation Emergency Assistance Center/Training Site
RERT	Radiological Emergency Response Team
R/N	Radiological/Nuclear
ROSS	Radiation Operations Support Specialist
RSI	Radiological Solutions Inc.
RSO	Radiation Safety Officer
RUL	Right Upper Lobe
SSEB	Southern States Energy Board
STC	Securing the Cities
STP	South Texas Project Nuclear Power Plant
TAC	Texas Administrative Code
TDEM	Texas Division of Emergency Management
TMERTT	Technician Modular Emergency Response Radiological Transportation Training
TRAB	Texas Radiation Advisory Board
TRG	Training Resource Group
TTX	Tabletop Exercise
URAD	Ultra Radiac
WCTEPC	West Central Texas Emergency Preparedness Conference
WIPP	Waste Isolation Pilot Plant
WMD	Weapon of Mass Destruction

