

Texas Radiation Advisory Board (TRAB)

Status Report 2021 - 2022

Radiation Advisory Board Status - Completed 2021

- Provided review and recommendations to the Texas Department of State Health Services (DSHS) on updated medical radioactive material rules
- Provided review and feedback to DSHS on 25 TAC 289.226 Registration of Radiation Machines
- Had the US Department of Energy provide a presentation on an Overview of the Seattle Harborview Contamination Event
- Provided review and unanimous recommendation to adopt revised Texas Commission on Environmental Quality (TCEQ) 30 TAC 336.357
- Provided review of proposed regulatory guide for revised veterinary x-ray rules
- Discussed impact of 2021 Winter Storm on radiation in Texas (waste shipments, nuclear power)
- Provided recommendations to DSHS based upon stakeholder feedback related to radiation licensing fees

Radiation Advisory Board Status - In Progress 2022

- Receive updates on the impact of the Nuclear Energy eXperimental Testing Research Alliance (NEXTRA) Molten Salt Research Reactor project
- Continue with updating of publications on the TRAB's website

Radiation Advisory Board Goals in 2022

- Review of upcoming NRC Integrated Materials Performance Evaluation Program (IMPEP)
- Review and update of the TRAB By-Laws
- Continue to monitor and provide feedback to DSHS, TCEQ, and Railroad Commission (RRC) on upcoming regulatory changes
- Evaluate, and as required, update existing Committees of the TRAB.
- Social Media-Incorporate TRABs updates and rulemaking topics to the various Facebook pages
- Sunset Advisory Commissions and Reviews in 2023: *recommend that all TRAB committee members review the Texas Sunset Act Review Criteria online.*
2023 Reviews Planned-
 1. Texas Commission on Environmental Quality
 2. Texas Low-Level Radioactive Waste Disposal Compact Commission
 3. Veterinary Medical Examiners, State Board (Special purpose review)
- TRAB review of directed energy beams in the context of the Health and Safety Code and primary agency responsibilities
- Educate the public on the beneficial uses of radioactive materials and radiation sources, including radiation safety policies and relative risks

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Medical Committee

Status - Completed 2021

- Received and provided recommendations to the full Board on medical use RAM rules:
 - 25 TAC 289.252 Licensing of Radioactive Material - Pate
 - 25 TAC 289.256 Medical and Veterinary Use of Radioactive Material - Trubek (medical component), Posey (veterinary component)
 - 25 TAC 289.257 Packaging and Transportation of Radioactive Materials - Harvey
- Literature review, brief write-up on CT dose in imaging - Harvey
- CRCPD gonadal shielding statement is not in conflict with DSHS position - Bruedigan
- New veterinary rules and broad license issues clarified – Posey, Bruedigan
- Reviewed NRC Regulatory Relief to licensees during the COVID pandemic – Metter
- Reviewed NRC position on non-AU radiology PD attesting to AU T&E requirements - Metter

Medical Committee

Status - In Progress 2022

- NRC ACMUI ongoing updates: - Metter
- Nuclear Regulatory Commission's (NRC) Regulatory Guide 8.39. "Release of Patients Administered Radioactive Materials"
- Infiltrations and extravasations and medical event reporting

Medical Committee

Goals in 2022

- Anticipate upcoming NRC regulatory updates and potential rulemaking in the medical use of isotopes
- Monitor the CRCPD issues pertinent to the TRAB Medical Committee
- Explore current and potential concerns in the medical use of isotopes in dental and veterinary medicine
- Review literature on the effect of x-rays on the COVID-19 virus.

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Industrial, Nuclear Power, Uranium and Waste (INUW) Committee

Status - Completed 2021

- Discussed the perpetual care funds at TCEQ and HHSC with respect to certain radioactive disposal sites and facilities in need of decommissioning
- Noted that TCEQ appropriated three million dollars to the 2022 budget that will be used for cleanup of the Lamprecht/Zamzow site
- Recommended the Board approve the Annual Report as amended
- Reviewed “21R035 Rule Project Radioactive Material in Medicine” and passed on to the Medical Committee
- Discussed the proposed DOE Uranium Reserve Program
- Monitored the status of LANL waste temporary storage at WCS
- Reviewed proposed License amendments at WCS

INUW Committee

Status - In Progress 2022

- Monitor progress of the Lamprecht/Zamzow site cleanup
- Monitor developments of the proposed DOE Uranium Reserve Program and how it affects staffing requirements at TCEQ
- Monitor the status of the LANL waste temporary storage at WCS and eventual removal from the site for reprocessing or disposal at the WIPP site
- Monitor proposed temporary storage of spent nuclear fuel at WCS

INUW Committee

Goals in 2022

- Review, evaluate and provide comments on state radiation regulations, policies, and programs
- Furnish technical expertise and advice to the state agencies on matters relating to the development, use, and regulation of sources of radiation
- Prepare position statements and letters of recommendation related to radiation safety for state agencies, the legislature, and the governor
- Develop and implement policies that provide the public with a reasonable opportunity to appear before the Committee and to speak on any issue under the jurisdiction of the Committee
- Advocate the safe uses of radiation, including safe storage and disposal of radioactive waste for the benefit of the citizens of the state
- Educate the public on the beneficial uses of radioactive materials and sources, including radiation safety policies and relative risks
- Advocate for radiation safety policies that protect and provide for public health and safety

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Topic Research Committee Status - Completed 2021

- Discussed and reviewed the potential impact of House Bill 7 passed during the legislative session
- Discussed current and upcoming proposed and draft rules from DSHS

Topic Research Committee Status - In Progress 2022

- Following DSHS rulemaking priorities 21R035 Rule for medical use of radioactive material 25 TAC §289.252, §289.256, and §289.257
- Following high-level waste disposal topics, primarily via updates from TCEQ

Topic Research Committee Goals in 2022

- Monitor new topics and areas of relevance to the TRAB and other committees
- Solicit input and feedback from the public, other TRAB members, and subject matter experts on topics and areas that the committee should monitor or research further.