



TEXAS RADIATION ADVISORY BOARD MINUTES

Friday, October 25, 2024
Scheduled to Convene at 10:45 a.m.

1. Call to order

William Pate, DrPH, Chair, called the meeting to order at 10:45 a.m. A quorum was present.

2. Roll call of TRAB members present.

Members present: David Dutton, DVM; Mark Harvey, PhD; Sam Kannappan; Joseph Markham; Lisa Masters, DDS; Darlene Metter, M.D.; Sanjay Narayan; William Pate, DrPH; Ken Peters; Tim Powell; Kevin Raabe, REM; Sandra Ramirez; Bob Redweik; Jeannette Ruiz, M.D.; Darshan Sachde, PhD; and Simon Trubek, MD

Department of State Health Services (DSHS) staff present: Lisa Bruedigan, Timothy Stevenson, Gem Naivar, Walquiria Sanchez, Joann Harthcock, Jason Callahan, Karl Von Ahn, Brian Vamvakias, Kaylie Smith, Jay Pavlkica, and Jasmine Mathews

Texas Commission on Environmental Quality (TCEQ) staff present: Ashley Forbes, Chance Goodin, Hunter Simmons, and Nick Pilcher

Texas Railroad Commission (RRC) staff present: Adrian Charles

Guests present: Stephen Raines, Low-Level Radioactive Waste Disposal Compact Commission (LLRWDC); Brian Christian (ARDT); Gurusamy Rajendran, member of the public

3. Review, discuss, and take possible action concerning amendment and approval of the July 26, 2024 meeting minutes

Ms. Ramirez motioned to approve the minutes. Mr. Peters seconded the motion. All approved.

4. Public Comments

None.

5. TRAB Committee Reports and Recommendations

A. Industrial, Nuclear Power, Uranium and Waste Committee

Mr. Peters provided an overview of the INUW Committee meeting. The committee requested a presentation to update the board on the molten salt reactor at Abilene Christian University.

B. Medical Committee

Dr. Metter provided an overview of the Medical Committee meeting.

C. Topic Research Committee

Dr. Sachde provided an overview of the Topic Research Committee meeting.

6. Program Reports

A. Railroad Commission of Texas

Adrian Charles discussed the program report and gave some updates.

B. Texas Commission on Environmental Quality

Ashley Forbes discussed the program report and gave some updates.

C. Texas Department of State Health Services

Lisa Bruedigan discussed the program report.

D. Texas Low-Level Radioactive Waste Disposal Compact Commission (TLLRWDCC)

Stephen Raines discussed the program report.

E. Waste Control Specialists (WCS)

There was no representative from WCS present.

F. U.S. Nuclear Regulatory Commission (NRC) – TCEQ Commissioner Bobby Janecka, State Liaison Officer

Ashley Forbes gave updates on the NRC in Commissioner Janecka's absence.

7. Routine and Continuing Business

A. Recognition of TRAB member's excused absence from this meeting

Michael Britt, Roland Benke, and Suresh Pillai requested an excuse for absence from this meeting. Ms. Ramirez motioned to approve these absences. Dr. Metter seconded the motion. All approved.

B. Update of DSHS Rules

- i) X-Ray (Major Revision): 25 TAC §289.229
- ii) Laser (Major Revision): 25 TAC §289.301
- iii) RAM (Minor Updates for NRC Compatibility): 25 TAC §289.201, §289.202, §289.252, §289.253, §289.255, §289.256, §289.257, and §289.258

Mr. Vamvakias gave updates on these rule revisions, which were included in the DSHS report.

8. New Business

A. Report on Advanced Nuclear Reactor Technology

Ms. Bruedigan presented this topic.

B. Molten Salt Reactor discussion

Mr. Narayan presented this topic.

C. Artificial Intelligence

Mr. Kannappan gave a presentation on this topic.

D. Linear No-Threshold and application to radiation safety/exposure

Dr. Harvey gave a presentation on this topic.

E. TRAB By-Law Revisions

Dr. Pate reviewed the changes that were made to the By-Laws. Dr. Metter made a motion to accept these corrections to the By-Laws. Mr. Markham seconded the motion. All agreed.

F. Election of TRAB Vice Chair and Secretary

Mr. Powell agreed to continue as Vice Chair. Mr. Redweik agreed to continue as Secretary. Dr. Metter motioned to accept Mr. Powell as Vice Chair and Mr. Redweik as Secretary of the TRAB Board. Mr. Peters seconded the motion. All agreed.

9. Identification of Agenda Items and topics for next or future TRAB or TRAB Committee Meetings

- Presentation on the status of the molten salt reactor project at Abilene Christian University
- Update on the molybdenum99 and Xenon shortages
- Presentation on Theranostics

10. Adjourn

Dr. Metter motioned to adjourn the meeting. Dr. Masters seconded the motion. All agreed. Dr. Pate adjourned the meeting at 11:55 am.