



## TEXAS RADIATION ADVISORY BOARD MINUTES

February 24, 2012 Board Meeting

AUSTIN-Health and Human Services Commission, MHMR Center

Conference Room 164

909 W. 45th St. Austin, 78751

Scheduled to Convene at 10:00 AM

### 1. Call to order

John Hageman, C.H.P., Chair, called the meeting to order at 10:04 a.m. A quorum was present. Members present for the meeting: Kenneth Krieger, C.H.P.; Robert Emery, Dr.P.H.; Bill Campbell; Amy Clark; Jay Murphy, P.E.; Darlene Metter, M.D.; Nora Janjan, M.D., M.B.A., MPSA; Mark Pittman J.D.; Stephen Harris; Melanie Marshall, D.D.S.; and Ian Hamilton, Ph.D.

Members not present: Rosana G. Moreira, Ph.D.; David Nichols, M.D.; Mitch Lucas, P.E.; Brad Bunn; Kevin Raabe; and Mark Silberman, M.D.

Department of State Health Services (DSHS) staff present: Richard Ratliff, P.E.; Alice Rogers, P.E.; Barbara Taylor; Shannon Edson; Ray Fleming; Ruben Cortez; Helen Watkins; Lisa Bruedigan; Darice Bailey; Lisa Nieman; Jo Turkette; Jerry Cogburn; Robert Free; Helen Watkins; and Chris Myers

Texas Commission on Environmental Quality (TCEQ) staff present: Susan Jablonski

Texas Railroad Commission (RRC) staff present: David Cooney

### 2. Introduction of guests

Guests present: Eddie Selig, Advocates for Responsible Disposal in Texas; Roger Mulder, State Energy Conservation Office; Bob Wilson, Texas Low-Level Radioactive Waste Disposal Compact Commission; Edward Ghanit, Lotus LLC; Rick Jacobi, consultant; Richard Adams, consultant

### 3. Approval of the November 4, 2011 meeting minutes

Mr. Krieger made a motion to approve the minutes. Dr. Emery seconded the motion and the minutes were unanimously approved.

#### **4. Committee Reports and Recommendations**

##### **A. Industrial, Nuclear Power, Uranium and Waste Committee**

Mr. Murphy discussed the agenda from the committee meeting.

##### **B. Medical Committee**

Dr. Metter discussed the committee meeting. Dr. Marshall presented a video on the use of 3D cone beam imaging. Dr. Hamilton and Dr. Marshall discussed the use of these machines.

#### **5. Program Reports**

##### **A. Railroad Commission of Texas**

Mr. Cooney stated that the memorandum of understanding with DSHS is complete.

##### **B. Texas Commission on Environmental Quality**

Ms. Jablonski briefed the board on the program report.

##### **C. Texas Department of State Health Services**

Mr. Ratliff briefed the board on the program report.

##### **D. Texas Low-Level Radioactive Waste Disposal Compact Commission**

Mr. Wilson discussed current rulemaking.

##### **E. Roger Mulder – U.S. Nuclear Regulatory Commission, State Liaison Officer**

Mr. Mulder briefed the board on Yucca Mountain alternatives.

#### **6. New Business**

- **TCEQ proposes amendments to Title 30 Texas Administrative Code (30 TAC), Chapter 336 “Radioactive Substance Rules,” Subchapter H “Licensing Requirements for Near-Surface Land Disposal of Low-Level Radioactive Waste,” to add six new terms to §336.702 “Definitions,” and two new provisions, §336.745 “Incidental Commingling of Waste,” and §336.747 “Waste of International Origin”.**

Ms. Jablonski requested that TRAB approve these rules move forward in the rulemaking process.

- **TCEQ proposes various changes to Title 30 Texas Administrative Code (30 TAC), Chapter 331 “Underground Injection Control,” by amending §§331.2, 331.14, 331.17, 331.18, 331.42 - 331.47, 331.61, 331.121, 331.142, 331.161, 331.162, 331.165, 331.168, 331.170, 331.171, and 331.206; adding new §§331.241 - 331.251; and repealing §331.120. TCEQ refers to this rulemaking package as "Use of a Class I Well for Disposal of Certain Wastes through Underground Injection into a Bedded Salt Formation."**

Ms. Jablonski requested that TRAB approve these rules move forward in the rulemaking process.

- **Discuss and decide on action items presented by the Industrial, Nuclear Power, Uranium and Waste Committee**

Mr. Murphy made a motion to approve the Chapter 336 and 331 rules move forward in the rulemaking process. Mr. Krieger seconded and the board unanimously approved the rules move forward.

- **Discuss and decide on action items presented by the Medical Committee**

Dr. Metter made a motion to request a briefing at the next meeting to include:

- The best estimate of the number of machines currently in Texas
- A vender summary of manufacturers dose limits
- Dr. Emery to report on a search of current literature on these devices

Dr. Emery seconded the motion and the board unanimously approved the request.

**7. Public Comments**

Rick Jacobi stated he supports the Chapter 336 and 331 rules.

**8. Discussion of Future Meeting Topics**

Dr. Emery would like to include the topic of lessons learned from Fukushima. Dr. Emery discussed the International Nuclear Events Scale (INES) that explains the severity of the event, but not necessarily the conditions on the ground. Dr. Emery would like the discussion to include how information is communicated to the public. The Board also discussed the current lack of a facility to dispose of high-level nuclear waste from nuclear power plants and would look into developing an Advisory on this topic.

**9. Adjourn**

Mr. Hageman adjourned the meeting at 11:45 a.m.