



State of Utah

GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

Department of  
Environmental Quality

Amanda Smith  
Executive Director

DIVISION OF RADIATION CONTROL  
Rusty Lundberg  
Director

**Radiation Control Board**

Peter A. Jenkins, CHP, Ph.D. – *Chair*

Scott Bird – *Vice Chair*

Brady Bradford

Dick Codell, Ph.D.

Jerry Hurst, Tooele County Commissioner

Lindsey Christensen Nesbitt, Ph.D.

Ulrich Rassner, M.D.

Matt W. Rydalch

Amanda Smith – *Executive Director*

Rusty Lundberg, *Executive Secretary*

**RADIATION CONTROL BOARD MEETING**

**Multi Agency State Office Building (MASOB)  
195 North 1950 West, Salt Lake City, Utah**

(One or more members of the Board may participate telephonically)  
(Access Number: 1-877-820-7831 Passcode: 396230#)

**FINAL AGENDA**

**May 13, 2014 – 1:00 p.m.**

**Conference Room #1015, DEQ Board Room, First Floor - MASOB**

- I. Welcome
- II. **Approval of the Minutes from the April 8, 2014 Board Meeting**
- III. X-Ray Program
  - a. **Mammography Imaging Medical Physicists (MIMPs) -- Certification approval per UCA 19-3-103.5(2)(f)**
- IV. Information Items
  - a. Other Items
- V. **Next Scheduled Board Meeting: Tuesday, June 10, 2014, 1:00 p.m.**  
Multi Agency State Office Building, Board Conference Room #1015  
195 North 1950 West  
Salt Lake City, Utah

For those individuals needing special assistance in accordance with the Americans with Disabilities Act, please contact Dana Powers at the Utah Department of Environmental Quality, at 195 North 1950 West, Salt Lake City, UT 84116, Office of Human Resources at (801) 536-4412, TDD (801) 536-4414, or by email at: [dpowers@utah.gov](mailto:dpowers@utah.gov).



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**MINUTES  
OF  
THE UTAH RADIATION CONTROL BOARD**

**April 8, 2014**

Department of Environmental Quality  
Multi Agency State Office Building  
Conference Room 1015, 195 North 1950 West, Salt Lake City, Utah

**BOARD MEMBERS PRESENT**

Peter Jenkins, CHP, Ph.D.  
Scott Bird  
Richard Codell, Ph.D.  
Rusty Lundberg, Executive Secretary  
Commissioner Jerry Hurst  
Brady Bradford (via phone)  
Lindsey Christensen Nesbitt, Ph.D.(via  
phone)  
Amanda Smith, DEQ Executive Director

**BOARD MEMBERS  
ABSENT/EXCUSED**

Ulrich Rassner, M.D.  
Matt Rydalch

**DRC STAFF/OTHER DEO MEMBERS  
PRESENT**

Craig Jones, DRC Section Manager  
Ryan Johnson, DRC Staff  
Phil Goble, DRC Section Manager  
John Hultquist, DRC Section Manager  
Loren Morton, DRC Program Manager  
Laura Lockhart, AG Staff  
Boyd Imai, DRC Staff

**PUBLIC**

Dan Shrum, EnergySolutions  
Sean McCandless, EnergySolutions  
Thomas Brown, EnergySolutions  
Janet Jenson, Jenson & Guelker  
Jackie Bosshardt, Ute Mountain Tribe  
Matt Pacenza, HEAL Utah

I. Welcome

Dr. Peter Jenkins, Chairman, called the meeting to order at 1:02 p.m. He welcomed the Board Members and the public.

II. Approval of the Minutes from the February 11, 2014 Board Meeting

Dr. Peter Jenkins, Chairman, asked if any of the Board members had any corrections to the minutes. None were requested.

**MOTION MADE BY MR. SCOTT BIRD TO APPROVE THE MINUTES FROM THE FEBRUARY 11, 2014 BOARD MEETING.**

**SECONDED BY DR. RICHARD CODELL.**

**MOTION CARRIED AND PASSED UNANIMOUSLY.**

III. Administrative Rulemaking

- a. Mr. Phil Goble, DRC Manager, reviewed the Public Comments received and recommendations made on preliminary proposed changes to R313-26, Generator Site Access Permit Requirements for Accessing Utah Radioactive Waste Disposal Facilities. The DRC made a recommendation to the Board to form a subcommittee to review the comments, given the nature of the comments. Dr. Peter Jenkins, Chairman, asked the Board for their opinion and the Board was in agreement to form a subcommittee and to address the comments at a future date. A Subcommittee was formed, consisting of Dr. Peter Jenkins, Chairman, Commissioner Jerry Hurst, Mr. Brady Bradford, and Mr. Scott Bird. Mr. Rusty Lundberg recommended the subcommittee report back in June. The subcommittee agreed to do so unanimously.
  
- b. Ms. Laura Lockhart gave an overview of the preliminary draft proposed changes to R313-17 and changes to the administrative procedures. As an Agreement State with the Nuclear Regulatory Commission and in accordance with federal law, the State is required to provide procedures under state law to address public involvement associated with 11e.(2) byproduct licensing. Ms. Lockhart acknowledged that the State is out of compliance with requirements for cross examination and are moving towards compliance. The NRC is concerned, but aware and satisfied with the use of the procedures the DRC described to the NRC in advance of rulemaking to formally adopt these procedures. Ms. Lockhart told the Board the proposed changes to the rule would go out for scoping to receive informal public comment. Mr. Rusty Lundberg informed the Board the scoping would be a 30-day period and that the comments will be submitted to the Board for its consideration and discussion to develop a proposed for formal rulemaking.

#### IV. Information Items

- a. Nuclear Regulatory Commission – Mr. Rusty Lundberg gave an activity update and reviewed the proposed changes made by NRC commissioners for 10 CFR Part 61. Dr. Peter Jenkins, Chairman, asked if there were any immediate changes that needed to be addressed due to the revisions to the Brach Technical Position paper (BTP). Mr. Rusty Lundberg, Executive Secretary, informed the Board that no revisions are needed to the actual rules, but changes will be needed in the application of the guidance.
- b. Uranium Mills
  - i. Energy Fuels Resources – White Mesa Mill – A status update on the license renewal was provided by Mr. John Hultquist, DRC Manager. A request for information for the Groundwater Discharge Permit Renewal has been sent to Energy Fuels Resources. Phil Goble, DRC Manager, stated the DRC is in the process of finalizing the chloroform Corrective Action Plan (CAP). A public comment period is anticipated next month.
  - ii. Uranium One – Shootaring Canyon – Mr. John Hultquist gave a status update on the license renewal that was due April 2014. Uranium One had a buyer in place for the uranium mill but the buyer withdrew. Uranium One submitted a letter requesting an extension to their License. Mr. Hultquist stated that this request was currently being reviewed by the DRC staff.
- c. Low-level Radioactive Waste
  - i. Low-Level Radioactive Waste Forum – Mr. Rusty Lundberg provided a status update and briefly talked about the Forum and availability of the disused sources final report.
  - ii. Depleted Uranium Performance Assessment update. Mr. Rusty Lundberg gave an update on the performance assessment review process and its current status.
- d. Legislative Update – An update was given by Mr. Rusty Lundberg on the 2014 Legislative General Session. He discussed the Utah Indoor Radon program budget considerations. Supplemental Funding has been received for the Radon Program. Additionally, S.B. 109 was sponsored by Senator Aaron Osmond, which gave \$25,000 to the Department of Health to enhance outreach with an electronic awareness campaign to educate the public regarding the radon gas. Mr. John Hultquist answered questions from the Board why the Department of Health received the funding rather than the DRC.
- e. Other Division Items
  - i. First Quarter 2014 Activities Report – No discussion or comments.

#### II. Public Comment – None

Meeting Adjourned at 1:46p.m.

**Next Scheduled Board Meeting: Tuesday, May 13, 2014, 1:00 p.m.**



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**WORKING LUNCH MINUTES  
OF  
THE UTAH RADIATION CONTROL BOARD**

**April 8, 2014**

Department of Environmental Quality  
Multi Agency State Office Building  
Red Rocks Conference Room #3132, Third Floor - MASOB

**BOARD MEMBERS PRESENT**

Peter Jenkins, CHP, Ph.D.  
Scott Bird  
Richard Codell, Ph.D.  
Amanda Smith, Executive, Director  
DEQ  
Rusty Lundberg, Executive Secretary  
Commissioner Jerry Hurst  
Brady Bradford ( via phone)  
Lindsey Christensen Nesbitt, Ph.D.( via  
phone)

**BOARD MEMBERS  
ABSENT/EXCUSED**

Ulrich Rassner, M.D.  
Matt Rydalch

**DRC STAFF/OTHER DEO MEMBERS  
PRESENT**

Craig Jones, DRC Section Manager  
Gwyn Galloway, DRC Staff  
Phil Goble, DRC Section Manager  
John Hultquist, DRC Section Manager  
Loren Morton, DRC Program Manager  
Laura Lockhart, AG Staff

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I. Welcome

II. Administrative Rulemaking

- a. Discussion – Public Comments on preliminary proposed changes to R313-26, *Generator Site Access Permit Requirements for Accessing Utah Radioactive Waste Disposal Facilities* - Phil Goble, DRC Staff reviewed the Public Comments received and recommendations made on preliminary proposed changes to R313-26, Generator Site Access Permit Requirements for Accessing Utah Radioactive Waste Disposal Facilities. The Division made a recommendation to form a subcommittee to review the comments given the nature of the comments. Peter Jenkins, Chairman asked the Board, the Board was in agreement to form a subcommittee and to address the comments at a future date. Subcommittee was formed, consisting of Peter Jenkins, Chairman, Commissioner Jerry Hurst, Mr. Bradon Bradford, and Mr. Scott Bird. Rusty Lundberg requested the subcommittee report back in June, the subcommittee agreed to do so unanimously.
- b. Discussion – Preliminary proposed changes to R313-17, *Administrative Procedures*, R313-24, *Uranium Mills and Source Material Mill Tailings Disposal Facility Requirements*, regarding public participation procedures for licensing uranium mills and radioactive byproduct material management per 42 U.S.C. §2021(o)(3) - Laura Lockhart gave an overview of the preliminary draft proposed changes to R313-17 and changes to the administrative procedures. As an agreement state we are required to provide procedures under state law, she acknowledged we were out of compliance with requirements for cross examination and are reaching towards compliance. NRC is concerned but aware and satisfied with the use of the procedures. Asked the Board to approve procedures to out for scoping, R313-24, Uranium Mills and Source Material Mill Tailings Disposal Facility Requirements, regarding public participation procedures for licensing uranium mills and radioactive byproduct material management per 42 U.S.C. §2021(o)(3). Rusty Lundberg informed the Board on the scoping would be a 30-day scoping period.

III. Other Items

- a. NRC Update – 10 CFR Part 61 Rulemaking (SRM-SECY-2013-0075) – Rusty Lundberg presented a brief overview of the status of the NRC’s rulemaking for proposed changes to 10 CFR Part 61, Licensing Requirements for Land Disposal of Radioactive Waste. The NRC recently released SRM-SECY-2013-0075, which gives direction by the Commissioners to the NRC staff to make additional changes to the proposed rule before it is published later this year in the *Federal Register*. Future updates will be provided to the Board as the NRC continues its rulemaking efforts.

Meeting Adjourned at 1:00p.m.

II. **Next Scheduled Board Meeting: Tuesday, June 10, 2014, 11:00 a.m.**

Red Rocks Conference Room #3132, Third Floor - MASOB  
195 North 1950 West  
Salt Lake City, Utah

**MAMMOGRAPHY IMAGING MEDICAL PHYSICISTS  
CERTIFICATION OF APPLICANTS**

**BOARD ACTION ITEM**

May 13, 2014

In accordance with Subsection 19-3-103.5(2)(f) of the Utah Code Annotated, the Board shall review the qualifications of, and issue certificates of approval to, individuals who: (i) survey mammography equipment; or (ii) oversee quality assurance practices at mammography facilities. This statutory requirement was effective May 8, 2012.

In the past, these individuals have been referred to as a Mammography Imaging Medical Physicist (MIMP). Between April 4, 2014 and May 2, 2014, a number of individuals filed an application to be certified as a MIMP. Division of Radiation Control staff reviewed each applicant's qualifications. Based on this review, the Director of the Division of Radiation Control recommends the Board issue a certificate of approval for each applicant reviewed and presented to the Board. This is the review process that was implemented to meet the requirements of Utah Administrative Code Section R313-28-140 and the process has been used for the past 16 years.

Craig Jones will present information about the certification of Mammography Imaging Medical Physicists.



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**MEMORANDUM**

**TO:** Utah Radiation Control Board

**FROM:** Lisa Mechem 

**DATE:** May 5, 2014

**SUBJECT:** Mammography Imaging Medical Physicists

I have reviewed the applications and supporting documentation for a number of individuals who seek recertification as a Mammography Imaging Medical Physicist. The following physicists submitted a complete application and demonstrated they are eligible to be recertified:

Adam Arndt, M.S.  
Lisa M. Bosworth, M.S.  
Dan Dugan, M.S.  
Byron L. Hardy, Ph.D.  
Jeremy Hawk, M.S.

Robert J. Hoffman, M.S.  
Peter A. Jenkins, M.S.  
Ann M. Jones, M.S.  
Angela Phares, M.S.  
Gene L. Wollan, M.S.

**Recommendation**

**The Division of Radiation Control Director recommends that the Board approve each individual named above as a Mammography Imaging Medical Physicist. The effective date of the approval should be from June 1, 2014 to May 31, 2015.**

Board Meeting May 13, 2014