

LOW-LEVEL RADIOACTIVE WASTE FORUM, INC.

2657 Bayview Drive – Ft. Lauderdale, F.L. 33306
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Fall 2018 LLW Forum Meeting

Volpentest Ballroom
Red Lion Hotel
Richland, Washington

October 3-4, 2018

AGENDA

Tuesday — October 2, 2018

Optional Tour of the B Reactor Historic Landmark *(Pre-Registration Required)*

- | | |
|-----------------------|---|
| 12:45 p.m. | Meet in Hotel Lobby to Coordinate Transportation for Short Drive to B Reactor Tour Headquarters
2000 Logston Boulevard
Richland, WA 99354 |
| 1:15 p.m. – 1:45 p.m. | Video, Introductions and Announcements |
| 1:45 p.m. – 2:30 p.m. | Depart Tour Headquarters to B Reactor Historic Landmark |
| 2:30 p.m. – 4:00 p.m. | Arrive at B Reactor Historic Landmark and Tour |
| 4:00 p.m. – 4:45 p.m. | Depart B Reactor Historic Landmark and Return to Tour Headquarters |
| 4:45 p.m. | Depart Tour Headquarters and Return to Red Lion Hotel |

Wednesday — October 3, 2018

Executive Committee Meeting (River View Room)

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|-----------------------|---|
| 7:30 a.m. – 8:15 a.m. | <i>Closed Session re Financial, Legal and Proprietary Issues
Voting LLW Forum Board Members and Alternates Only</i> |
| 8:15 a.m. – 8:30 a.m. | <i>Open Session re Outstanding LLW Forum Business
All Meeting Attendees are Welcome to Attend</i> |

Wednesday — October 3, 2018

Main LLW Forum Meeting (Volpentest Ballroom)

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|-------------------------|--|-----------------------------------|
| 8:30 a.m. – 9:00 a.m. | Registration | |
| 9:00 a.m. – 9:15 a.m. | Introductions and Announcements | |
| | - introductory remarks and explanation of rules | Alyse Peterson
LLW Forum Chair |
| | - welcome remarks | Earl Fordham
Washington |
| 9:15 a.m. – 9:35 a.m. | Reports on New Developments | |
| | - compacts and states | Members of the
LLW Forum |
| | - federal agencies and industry | |
| 9:35 a.m. – 10:10 a.m. | Impact of Radiation Limits on Nuclear Waste Disposal Programs | |
| | - basis for and application of LNT model and ALARA requirements | Jim Conca
UFA Ventures |
| | - significance of radiation limits to waste management and disposal options and continued site viability | |
| | - recommendations for improvements to achieve better results | |
| 10:10 a.m. – 10:40 a.m. | Overview of Low-Level Radioactive Waste Activities and Initiatives at the U.S. Nuclear Regulatory Commission | |
| | - status of 10 the CFR Part 61 rulemaking | Andrea Kock
NRC |
| | - Greater-than-Class C (GTCC) waste regulatory basis | |

- status of the alternative disposal request guidance revision
- status of the uniform waste manifest guidance revision

10:40 a.m. – 11:00 a.m. break

11:00 a.m. – 11:30 a.m.

Licensing and Activities Update re EnergySolutions' Clive Facility in Tooele County, Utah

- operator perspectives and updates: current disposal volumes and waste types; status of and next steps re performance assessment for depleted uranium; source collection policy Dan Shrum
EnergySolutions
- regulator perspectives and updates: ongoing licensing and oversight, Part B permit modifications and potential rule changes Don Verbica
Utah

11:30 a.m. – 12:00 p.m.

Perspectives re Transition and Future Vision Plus Overview of Current and Planned Projects for Waste Control Specialists

- status of changes and improvements following sale and new management David Carlson
WCS
- long-term viability of the site and the role of industry stakeholders
- Vermont Yankee project and the trend toward accelerated decommissioning of nuclear powerplants
- Greater-than-Class C (GTCC) and transuranic radioactive waste disposal

12:00 p.m. – 12:30 p.m.

Future Direction of the Nuclear Industry: Developing a Path Forward to Continued Success for the Industry

- operating challenges faced by nuclear facilities in an evolving market environment
- Congressional, federal and state actions to support the nuclear initiative and prevent struggling plants from shutting down
- working together on waste management and disposal

Janet Schlueter
NEI

12:30 p.m. – 2:00 p.m.

lunch break (on your own)

2:00 p.m. – 2:30 p.m.

Introduction and Overview re NRC's Very Low-Level Waste Scoping Study

- options to improve and strengthen the NRC's regulatory framework for the disposal of the anticipated large volumes of VLLW
- identification of issues for agency consideration and analysis
- public input and feedback received in response to *Federal Register* notice and analysis thereof
- next steps and path forward

Maurice Heath
NRC

2:30 p.m. – 3:15 p.m.

Stakeholder Panel re VLLW Scoping
Study: Identifying Issues of Concern,
Discussing Areas of Disagreement and
Working Toward Mutual Consensus

Discussion Leader

Joe Weismann, US Ecology

Panelists

David Carlson, WCS

Lisa Edwards, EPRI

Earl Fordham, Washington

Rusty Lundberg, Utah

Janet Schlueter, NEI

Dan Shrum, EnergySolutions

- what should the NRC consider in developing its own regulatory definition for VLLW?
- should NRC revise the waste classification system to establish a new category for VLLW and what criteria should be considered in establishing the boundary between Class A and VLLW categories?
- should NRC expand the existing alternative disposal request guidance to include VLLW disposal or consider the development of a new guidance?
- if a new waste category for VLLW is included in 10 CFR Part 61, what are the potential compatibility issues and impacts in terms of additional responsibilities or resources to Agreement State regulatory programs?
- would a new waste category for VLLW fall within the authority of regional compacts and what would be the impacts to compacts in terms of additional responsibilities or resources?

3:15 p.m. – 3:35 p.m.

break

3:35 p.m. – 4:20 p.m.

Stakeholder Panel re VLLW Scoping Study: Identifying Issues of Concern, Discussing Areas of Disagreement and Working Toward Mutual Consensus
(Continued)

Discussion Leader

Joe Weismann, US Ecology

Panelists

David Carlson, WCS
Lisa Edwards, EPRI
Earl Fordham, Washington
Rusty Lundberg, Utah
Janet Schlueter, NEI
Dan Shrum, EnergySolutions

- how would NRC incorporate and apply EPA waste analysis requirements for VLLW at RCRA Subtitle C and D facilities and should concentration limits and/or treatment standards be imposed?
- are there any unintended consequences associated with developing a VLLW waste category?
- what analytical methods/tools should be used to assess the risk of disposing of VLLW at licensed low-level radioactive waste disposal facilities or RCRA Subtitle C and D facilities?
- how should NRC consider economic factors in the VLLW scoping study?
- other outstanding issues or concerns and closing remarks

4:20 p.m. – 4:40 p.m.

Licensing and Activities Update re
Hanford Facility in Richland, Washington

- current and anticipated disposal volumes and waste types
- submittal and review of license for timely renewal and digging of new waste disposal cell
- overview and analysis re pilot project for disposal of a large source

Mike Ault
US Ecology

4:40 p.m. – 5:00 p.m.

Overview re Activities and Initiatives
at the U.S. Department of Energy

- waste management forecasts, planning and prioritization
- next steps re Greater-than-Class C waste management and disposal
- Manifest Information Management System (MIMS) data and updates
- other department highlights, activities and initiatives

Theresa Kliczewski
DOE

5:00 p.m.

session adjourned

Fall 2018 LLW Forum Meeting

Volpentest Ballroom
Red Lion Hotel
Richland, Washington

AGENDA (continued)

Thursday — October 4, 2018

- 8:30 a.m. – 9:00 a.m. Registration *Continued*
- 9:00 a.m. – 9:15 a.m. LLW Forum Business Session
- Executive Committee report and organizational business Alyse Peterson
LLW Forum Chair
 - consideration of resolutions
- 9:15 a.m. – 9:45 a.m. Decommissioning of Nuclear Power Plants — Regulatory Requirements, Updates and Future Planning
- historical overview and issues for agency consideration Meena Khanna
NRC
 - stakeholder input and feedback
 - next steps and path forward
- 9:45 a.m. – 10:15 a.m. Path Forward for Waste Isolation Pilot Plant (WIPP) and Transuranic Wastes Across the DOE complex
- overview of current and planned WIPP operations and waste shipments Todd Shrader
DOE
 - recent and future facility upgrades and improvements
 - long-range site viability and planning considerations

- 10:15 a.m. – 10:55 a.m. Update re DOE Waste Management Activities at the Hanford Facility in Richland, Washington
- Joe Franco
DOE
- Steve Pfaff
DOE
- current and anticipated disposal volumes and waste types
 - ongoing and planned waste management activities and projects
- 10:55 a.m. – 11:15 a.m. break (time for hotel checkout)**
- 11:15 a.m. – 11:45 a.m. Conference of Radiation Control Program Directors’ Suggested Regulations for Financial Assurance
- background, overview and charge of the Part S Working Group
 - overview of suggested state regulations
 - important steps for financial assurance of disused sources
 - next steps and path forward
- Morgan Bullock
CRCPD
- 11:45 a.m. – 12:15 p.m. National Council on Radiation Protection & Measurements Report on Radiation Safety of Sealed Radioactive Sources
- background, overview and charge of the NCRP working group
 - overview and discussion of issues
 - input and feedback from stakeholders
 - next steps and path forward
- Kathy Pryor
NCRP

12:15 p.m. – 12:45 p.m.

NNSA Development and Certification
of Type B Transportation Casks

- successful completion of the design,
testing and certification of two new
transportation casks
- provision of certified designs to
qualified private sector entities to use
or modify for commercial use
- next steps and path forward

John Zarling
NNSA

12:45 p.m. – 1:00 p.m.

Future LLW Forum Meeting Agenda
Planning: Opportunity for Input

- Hilton Old Town Hotel
Alexandria, Virginia
April 17-18, 2019
- *date and location to be
determined: fall 2019*
- agenda topics ideas, other
suggestions and comments

Todd Lovinger
LLW Forum

Members of the
LLW Forum

1:00 p.m.

Meeting Adjourned