

MONITOR

NUCLEAR NEW BUILD

...Weekly Intelligence on the Global Nuclear Renaissance

Next Generation Power Plants ♦ Advanced Reactors ♦ Uranium Enrichment
New Fuel Fabrication ♦ Spent Fuel Disposition & Recycling ♦ Safeguards

Volume 30 No. 28

July 8, 2011

— INSIDE HIGHLIGHTS —

Georgia Power is again opposing a proposal by the state's public service commission that would shift more of the financial risk onto the utility if the proposed new Vogtle reactors run over budget. 2

House appropriators have authorized the start of a long-awaited Department of Energy program supporting small modular reactor licensing. 3

As French-owned UniStar Nuclear Energy continues its pursuit of a new reactor at the Calvert Cliffs site in Maryland, a Nuclear Regulatory Commission legal board heard arguments this week on how to address foreign ownership issues 3

Communities that agree to host an interim storage facility for the country's spent nuclear fuel would have a lot to gain financially under the Nuclear Fuel Storage Improvement Act, a bill introduced July 1 by Sens. Lisa Murkowski (R-Alaska) and Mary Landrieu (D-La) that received support from industry this week 4

Challengers to the Department of Energy's shutdown of the Yucca Mountain program are weighing their options following last week's court opinion dismissing the case, brought by Washington state, South Carolina, and Aiken County, S.C. 5

With a \$65 million decision looming on whether to refuel the Vermont Yankee nuclear plant this fall, both plant owner Entergy and the state of Vermont filed "finding of fact" briefs this week in Entergy's attempt to secure a temporary injunction against the state's efforts to shut the plant down when its current license expires in March 2012. 6

Uranium Report... 7

USEC has been hit with a lawsuit over the transition of its workers to the D&D project now underway at the Portsmouth uranium enrichment plant. 7

Wrap Up 7

Calendar 8

GEORGIA POWER FIGHTS PSC'S PLAN FOR VOGTLE PROJECT

Georgia Power is again opposing a proposal by the state's public service commission that would shift more of the financial risk onto the utility if the proposed new Vogtle reactors run over budget. Though the PSC staff says it has made "major concessions" in the third version of the risk-sharing mechanism in an effort to move the proposal forward, officials from the utility warned at a hearing this week that the proposal could have negative consequences for the project. "I believe that the risk sharing mechanism ... even if you are looking at the revised filing, would have presented a significant concern for the company in bringing the original project," Brian Ivey of Vogtle plant operator Southern Nuclear told regulators at the July 6 hearing. "It's my judgement that in all likelihood the company would have preferred to bring gas as opposed to nuclear because of the uncertainty that would be created with the way that that particular mechanism is crafted."

Potential Delays and Cost Overruns

Southern Company and its subsidiary Georgia Power are planning on building two new AP1000 reactors on the Vogtle site near Waynesboro, Georgia. However, the plan has faced some uncertainty recently, as the PSC's construction monitor William Jacobs warned in written testimony submitted to the commission last month that the project may come in over budget and miss its deadline for the plants to come online in 2016 and 2017. The Nuclear Regulatory Commission is currently evaluating a last minute update to the AP1000 design certification application, a move that could potentially delay issuing a combined license for the Vogtle reactors beyond the anticipated schedule at end of this year. Jacobs also said that modules for the plant being constructed at the Shaw Modular Solution facility may not be completed in time to meet the project schedule. However, utility officials insist that they are still on schedule for the new plants (*NNB Monitor* Vol. 20 No. 27). Ivey said at the hearing that he expected to hear from the NRC by the end of the month on any impacts to the licensing schedule, and that he believes

that "licensing is imminent."

The PSC has certified Georgia Power's share of the Vogtle project at \$6.1 billion, and the PSC staff's risk-sharing plan calls for adjustments to the company's return on equity if the project falls more than \$300 million above or below that estimate. Tom Newsome of the PSC's staff explained to the commissioners the philosophy behind the proposal. "If you are going to target their profits, you are going to sharpen the focus of management a little bit," he told the commission, adding "What we are trying to do is that reduction of benefit to ratepayers, we are trying to mitigate that. We do that by reducing the company's profits."

'Major Concessions' Made

Original versions of the proposal were so strongly opposed by the utility that the staff crafted a third proposal last month to try and come to a compromise, and the contentiousness of the issue led the PSC to call a hearing (*NNB Monitor* Vol. 30 No. 15). Newsome outlined several of what he called "major concessions" that were made to the utility, including a provision that would ensure that the company's return on equity could never drop below 10.25 percent. He said that under certain scenarios, the utility could actually make a higher profit the project goes over budget. When questioned by advocacy groups at the hearing why the concessions were made, Newsome said "We've been through this twice, it's the third time through, we basically needed to get some movement." He added, "Does it work as well as prior risk sharing mechanism? No, but it's better than nothing."

However, the concessions did not satisfy utility executives. "I do not believe this result is in the best interest of either the company's customers or its shareholders," said Ann Daiss, Georgia Power vice president, comptroller and chief accounting officer. She said that if the risk sharing mechanism is adopted it would change the market's expectations of the PSC's approach, leading the market to change the return that is required to cover that risk. "As a member of the management team of the company, I can tell you that

ExchangeMonitor Publications' Editorial Staff		
	Martin Schneider, Editor-in-Chief	Tel.: 202-296-2814 ext. 105 schneider@exchangemonitor.com
	Mike Nartker, Associate Editor	WC Monitor Tel.: 202-296-2814 ext. 106 nartker@exchangemonitor.com
<i>Nuclear New Build Monitor</i> is a weekly publication (50 issues a year) providing in-depth coverage of all facets of the nuclear 'renaissance,' including: New Plant Licensing; Financing & Loan Guarantees; Advanced Reactors; Fuel Fabrication; Uranium Enrichment; NGNP and other DOE Initiatives; Reprocessing; and Safeguards.	Todd Jacobson, Reporter	NW&M Monitor Tel.: 202-296-2814 ext. 107 jacobson@exchangemonitor.com
Edward L. Helmski Publisher	Kenneth Fletcher, Reporter	NNB Monitor Tel.: 202-296-2814 ext. 108 fletcher@exchangemonitor.com
Kelli Watson Hughes Office Manager	Sarah Anderson, Reporter	RW Monitor Tel.: 202-296-2814 ext. 110 anderson@exchangemonitor.com
	Tamar Hallerman, Reporter	GHG Monitor Tel.: 202-296-2814 ext. 112 hallerman@exchangemonitor.com
Weapons Complex Monitor ■ Nuclear Weapons & Materials Monitor ■ RadWaste Monitor ■ Nuclear New Build Monitor ■ GHG Reduction Technologies Monitor		

if this mechanism as proposed by staff today had been part of the original certification, we very likely would not have proceeded,” Daiss said. The parties involved are required to file briefs of proposed orders on July 18 and the commission is scheduled to make a decision on the risk sharing mechanism on Aug. 2.

Advocacy Groups Support Risk Sharing

The risk sharing mechanism also became a target for several public interest groups who spoke at the hearing. Richard D’Arezzo, state president of the Georgia AARP, said that “While AARP supports the adoption of an RSM, we do not agree with concessions made to Georgia Power by public service commission staff in the revised risk sharing mechanism.” He added, “As originally proposed by staff, the RSM would have presented a strong incentive to Georgia Power to manage risk, thus resulting in meaningful benefits to consumers should significant cost overruns occur at Plant Vogtle. Under that RSM, which is extremely reasonable, Georgia Power would still earn substantial income on prudently incurred costs. As revised, the RSM is too weakened to achieve the purpose outlined by staff.”

—*Kenneth Fletcher*

HOUSE APPROPRIATORS APPROVE START OF SMALL REACTOR PROGRAM

House appropriators have authorized the start of a long-awaited Department of Energy program supporting small modular reactor licensing. House Appropriations Energy and Water Subcommittee Chairman Rodney Frelinghuysen (R-N.J.) and Ranking Member Peter Visclosky (D-Ind.) sent a letter on June 30 to DOE notifying them of the authorization. The federal government is currently operating under a Continuing Resolution for the remainder of the fiscal year and a ‘new start’ such as the SMR program requires permission from appropriations committees to begin before October 1. DOE is now just awaiting approval from Senate appropriators to begin the program.

DOE requested to start the SMR program in the spring, and the delay in authorization has frustrated DOE officials. “I hope it’s obvious that my level of frustration to say nothing of a whole bunch of other people’s levels of frustration, is very, very high with the delay being this long. I think the SMRs may be the last best chance for the U.S. to get position in a key area of nuclear technology. I’m very frustrated. Beyond that, I don’t know what to tell you,” Assistant Secretary for Nuclear Energy Pete Lyons said at a June 15 Nuclear Energy Advisory Committee meeting.

Program Ready to Go

The program is already set up and ready to go once it is fully approved, and could begin awarding funding in about six months after starting up, John Kelly, DOE’s deputy assistant secretary for nuclear reactor technologies, told NNB Monitor in May.

The proposed cost-share program would support two vendors through the Nuclear Regulatory Commission’s licensing process with a minimum of 50 percent contribution from industry, and could also include funding for NRC site permitting activities. Several SMR vendors, including B&W, Westinghouse and Holtec, have shown interest in competing for the funding before submitting design certification applications to the NRC. DOE has “been ready for quite some time with funding announcements that we think are appropriate to move ahead and issue,” Lyons said last month.

The SMR program has received a lot of positive attention in Congress in recent months, with bills in both the House and Senate supporting its creation. At a hearing on SMRs earlier last month, Senate Committee on Energy and Natural Resources Chairman Jeff Bingaman and others on the committee pushed for fast deployment of SMRs in the United States. The DOE’s new SMR program is already fully funded at \$67 million in the Fiscal Year 2012 Energy and Water Appropriations bill that was approved by the House Appropriations Committee last month.

—*Kenneth Fletcher*

NRC LEGAL BOARD HEARS CHALLENGES TO NEW CALVERT CLIFFS REACTOR

Judges to Decide Whether to Weigh In on Foreign Ownership Issue

As French-owned UniStar Nuclear Energy continues its pursuit of a new reactor at the Calvert Cliffs site in Maryland, a Nuclear Regulatory Commission legal board heard arguments this week on how to address foreign ownership issues. The Atomic Energy Act of 1957 prohibits the NRC from licensing a facility that is owned, controlled or dominated by a foreign entity, and NRC staff has rejected a restructuring plan by UniStar that it hoped would allow it to be licensed. Given that UniStar says it is actively searching for a U.S. partner to build the reactor, an Atomic Safety and Licensing Board panel considered July 7 how to proceed with contentions by advocacy groups to licensing the reactor based on foreign ownership concerns.

‘Nothing Definite’ On U.S. Partner

UniStar Nuclear Energy began as a joint venture between the U.S. company Constellation Energy and Electricite de

France in 2007, but EDF bought Constellation's share of UniStar last fall after Constellation rejected a Department of Energy loan guarantee offer for the new reactor at Calvert Cliffs. Though UniStar presented an licensing plan with a new structure to the NRC, staff rejected that proposal in a letter sent last April (*NNB Monitor* Vol. 30 No. 16). The company told the NRC legal panel that to attract a U.S. partner they will likely need several changes from current conditions, including a DOE loan guarantee, an improved regulatory environment in Maryland and better economics for reactor construction. "We have nothing definite. It's a little more than open ended. Discussions are ongoing. I think that's an accurate statement, but we have no details that we can share," UniStar attorney David Repka told the judges.

UniStar lawyers argued that the issue should be held in abeyance as UniStar seeks a partner, and that NRC staff should continue its application review. The current NRC schedule calls for issuance of a final Safety Evaluation Report in January 2013, which UniStar argued would give it time to find a partner. With the judges set to decide whether or not to weigh in on the matter, NRC staff told the panel that though the issue was ripe for a decision, it would be appropriate to hold the issue in abeyance since conditions may change. Unistar went further, arguing that it was too early for the panel to make a decision. "That decision is still premature. I don't think there is anything that requires the board to agree with the staff's interim letter. There is no need to go there. We understand the staff's position, and we are trying to respond to that," Repka said.

Challengers to the license, including the Nuclear Information and Resource Service and Beyond Nuclear, said that the NRC should halt its review of the application. "We think the appropriate thing is for the application process to be seized. If, as the applicant has indicated, they find a new partner sometime in the future.... it could be quite a long time before they find one. At that point they'll be a different applicant than they were in the first place. They should reapply," said Michael Mariotte of NIRS.

How Long Can This Go On?

The judges questioned NRC staff on whether there should be a time limit on how long the issue could be put on hold. UniStar said that the issue should be held in open ended abeyance, with regular updates. However, Judge Ronald Spritzer asked "How long can this go on? ...Does the staff see any endpoint at which you say not only can we not grant a license, but under the regulations this application couldn't be filed, at least as originally, and say enough is enough, we are calling it quits?" Given that the staff has already decided that UniStar can't be licensed as is, Judge

Gary Arnold asked "What is the justification or the rationalization for continuing the application review?" Adam Gendelman of the NRC staff replied "When this portion of the application was originally docketed in June of 2008 the ownership scheme was very different. We promptly notified the applicant and made clear that the staff would not issue a license to an applicant that doesn't meet the requirement." He added that docketing decisions for the application are generally not revisited.

The ASLB also considered a contention that was admitted last December, claiming that the Draft Environmental Impact Statement for the combined license application failed to properly consider the impact of alternative energy sources (*NNB Monitor* Vol. 30 No. 1). The one aspect in the groups' challenge to the DEIS admitted claimed that the alternative scenario provided in the report to building a nuclear plant underestimated the contribution that wind and solar energy could make. The challengers argued this week that the contention should be put into abeyance until the larger foreign ownership issue is resolved.

—Kenneth Fletcher

GOV'T WOULD PAY INTERIM SPENT FUEL FACILITY HOSTS HANDSOMELY

Communities that agree to host an interim storage facility for the country's spent nuclear fuel would have a lot to gain financially under the Nuclear Fuel Storage Improvement Act, a bill introduced July 1 by Sens. Lisa Murkowski (R-Alaska) and Mary Landrieu (D-La) that received support from industry this week. The bill would consolidate U.S. spent nuclear fuel waste in two federal interim storage repositories until a permanent storage solution is found. It also would authorize a tiered payment incentive for communities to agree to host an interim storage facility: any city, county, or other local government would be paid \$6 million for agreeing to host the facility, and in the time between agreeing to host the facility and the first receipt of a SNF waste shipment, would receive \$10 million each year. After operations at the facility begin, the host government would receive \$15 million annually, and \$15,000 per metric ton of used fuel received with a maximum of \$25 million. Finally, the local community would receive \$20 million upon closure of the facility. The first three communities that offer to host the facility will receive \$1 million.

The bill "addresses one of the most glaring failures of our national nuclear policy: what to do with the used nuclear fuel currently that is currently being stored at over 100 sites across the country," Murkowski said in a statement. "This legislation makes good on the federal government's

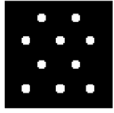
THE FIFTH ANNUAL RADWASTE SUMMIT

An



Event

In Cooperation with...



LLW
FORM, INC



Entering a New Era for Radioactive Waste Management

September 6-9, 2011
JW Marriott Las Vegas
Summerlin, Nevada

Keynote Speakers:

William Magwood, *Commissioner,
U.S. Nuclear Regulatory Commission*
David Martin, *Secretary, New Mexico
Environment Department*

Also Featuring:

Gerard Bruno, *Head, Radioactive Waste and
Spent Fuel Management Unit, IAEA*
Larry Camper, *Director, Division of Waste
Management & Environmental Protection, U.S. NRC*
Sharron DaCosta-Chisley, *National Program Manager,
U.S. Army Corps of Engineers*
Ralph Andersen, *Senior Director Radiation Safety &
Environmental Protection, Nuclear Energy Institute*
Rod Baltzer, *President, Waste Control Specialists*
Val Christensen, *President, EnergySolutions*

Featured Speakers (as of 7/05/11):

Susan Jablonski, *Director, Radioactive
Materials Division, Texas Commission on
Environmental Quality*

Rusty Lundberg, *Director, Utah Division
of Radiation Control*

Ruth McBurney, *Executive Director,
Conference of Radiation Control Program
Directors*

Tim Murphy, *Chief, Federal Facilities
Branch, Nevada Department of
Environmental Protection*

Kazumasa Hioki, *Leader, Knowledge
Management Group, Geological Isolation
Research and Development Directorate,
Japan Atomic Energy Agency*

Farok Sharif, *President, Washington TRU
Solutions*

Graham Johnson, *Supervisory Scientist,
Duke Energy*

Lisa Edwards, *LLRW Program Manager,
Electric Power Research Institute*

Christine Gelles, *Director, Disposal
Operations, U.S. DOE-EM*

Larry Romine, *Richland Operations Office,
U.S. DOE-EM*

Jay Rhoderick, *Director, Large Site
Support, U.S. DOE-EM*

E. Frank Di Sanza, *Federal Projects
Director, Waste Management Project,
Nevada Site Office, U.S. DOE*

Scott Wade, *Assistant Manager for
Environmental Management, Nevada Site
Office, U.S. DOE*

Linda Suttora, *Office of Compliance, U.S.
DOE-EM*

Partnering Organizations (as of 6/30/2011)...

Media Partner...



— THE FIFTH ANNUAL RADWASTE SUMMIT —

AGENDA (Draft)

Tuesday, September 6

- 1:00 **EFCOG WASTE MANAGEMENT WORKING GROUP (Andalucia Room)**
- 3:00 **REGISTRATION OPENS SUMMIT SUPPORT MATERIALS**
*Partners...
Cabrera Services*
- 6:00 **COCKTAIL RECEPTION**
- 7:00 **OPENING DINNER**

Wednesday, September 7

Today Recognizing...

PermaFix Environmental Services

- 7:00 **CONTINENTAL BREAKFAST**
- 8:00 **WELCOME/INTRODUCTORY REMARKS**
- Edward L. Helminski**, President
EM Publications & Forums
Summit Chair
- Martin Schneider**, Vice President
EM Publications & Forums
Technical Program Chair
- 8:05 **OPENING KEYNOTE ADDRESS**
- William Magwood**, Commissioner
U.S. Nuclear Regulatory Commission

OPEN DISCUSSION

- 8:50 **A New Landscape for Disposal, New Opportunities for Federal and Commercial Waste**

Val Christensen, President
EnergySolutions

Rod Baltzer, President
Waste Control Specialists

OPEN DISCUSSION

- 9:35 **The Generators: Navigating a Changing Disposal Marketplace and Regulatory Regime**

Christine Gelles, Director
Office of Disposal Operations
U.S. DOE-EM

Ralph Andersen, Senior Director
Radiation Safety & Environmental
Protection, Nuclear Energy Institute

OPEN DISCUSSION

- 10:20 **COFFEE BREAK**
- 10:40 **Utilities Respond to the Changing Paradigm for RadWaste Management**
- Graham Johnson**
Supervising Scientist
Duke Energy
- Mark L. Carver**
Manager, Fleet Radwaste
Entergy Services, Inc.

Lisa Edwards
LLRW Program Manager
Electric Power Research Institute

- 11:40 **Putting in Place the State, Federal and International Framework for Waste Management**

Ruth McBurney, Executive Director
Conference of Radiation Control Program
Directors

Gerard Bruno, Waste Safety Section
International Atomic Energy Agency

- 12:30 **LUNCH**

- 1:30 **Federal Low-Level Waste Regulatory Initiatives**

...At NRC

Larry Camper, Director
Division of Waste Management &
Environmental Protection, U.S. NRC

...DOE's 435.1 Review

Linda Suttora
Office of Compliance
U.S. DOE-EM

OPEN DISCUSSION

- 2:30 **International Perspectives: Supporting the Safety Case for Waste Disposal**

...Safety Arguments Supporting the Disposal of Low and Intermediate Level Waste

Kazumasa Hioki, Leader
Knowledge Management Group,
Geological Isolation Research and
Development Directorate,
Japan Atomic Energy Agency

...Recent Developments LLW Management in the UK

Richard Cummings
Low Level Waste Repository, Ltd.

...Options Considered for Disposal of Radioactive Waste from the Chernobyl Accident

Tetiana Kilochytska
State Nuclear Regulatory Inspectorate
of Ukraine

- 3:40 **COFFEE BREAK**

- 4:00 **ROUNDTABLE DISCUSSION: Period of Performance in NRC's Disposal Regulations**

DISCUSSION LEADER: **Ruth McBurney**, Executive Director
Conference of Radiation Control Program
Directors

Rusty Lundberg, Executive Director
Utah Radiation Control Board

Thomas E. Magette, Senior Vice
President, EnergySolutions

Bill Dornsife
Waste Control Specialists

Linda Suttora
Office of Compliance
U.S. DOE-EM

Larry Camper, Director
Division of Waste Management &
Environmental Protection, U.S. NRC

- 5:15 **ADJOURN**

- 5:30 **COCKTAIL RECEPTION**

Thursday, September 8

Today Recognizing...

Waste Control Specialists

- 7:00 **CONTINENTAL BREAKFAST**

- 8:00 **The Future of the Waste Isolation Pilot Plant: A New Mexico Perspective**

David Martin, Secretary
New Mexico Environment
Department

- 8:45 **Greater-Than-Class-C Waste: Moving Closer to a Preferred Disposal Alternative?**

DOE Speaker TBD

...Is an NRC License Needed?

NRC Speaker TBD

— The Changing Paradigm for LLRW Management... —

9:15 **Optimizing Transuranic Waste Disposal at WIPP (Part I)**

Farok Sharif, President
Washington TRU Solutions

Christine Gelles, Director
Office of Disposal Operations
U.S. DOE-EM

DOE TRU Program Speaker TBD

OPEN DISCUSSION

10:15 **COFFEE BREAK**

10:30 **Optimizing Transuranic Waste Disposal at WIPP (Part II)**

Larry Romine, Federal Project Director
Solid Waste Stabilization & Disposition,
Richland Operations Office, U.S.-DOE

John Ciucci, Chief Operating Officer,
CH2M Hill Plateau REmediation
Company

John Gilmour
Savannah River Nuclear Solutions

Renee Echols, Vice President
PermaFix Environmental Services

OPEN DISCUSSION

11:30 **A LOW-LEVEL WASTE FORUM SESSION: Importance of the Policy Act to Waste Management Activities and Other Emerging LLRW Issues**

MODERATOR: **Leonard Slosky**, Chair,
LLW Forum; Executive Director, Rocky
Mountain LLW Board

Rusty Lundberg, Executive Director
Utah Radiation Control Board

Susan Jablonski, Director, Radioactive
Materials Division, Texas Commission
on Environmental Quality

Mike Mobley, Chairman
Southeast Compact

Mike Garner, Executive Director
Northwest Compact

OPEN DISCUSSION

12:30 **LUNCH**

1:30 **The Future of Disposal at the Nevada Nuclear Security Site**

...NNS Site-Wide EIS Update

Scott Wade, Assistant Manager
for Environmental Management,
Nevada Site Office, U.S. DOE

...Transportation Routes and Rail/Truck Transfers Documented in the SWEIS

E. Frank Di Sanza, Federal Project
Director, Waste Management Project
Nevada Site Office, U.S. DOE

...FY 2011 Forecast/Actual Volumes and FY 2012-2015 Forecasts

Jhon Carilli
Waste Management Division, Nevada
Site Office, U.S. DOE

...NNS Disposal Operations

John Wrapp, Program Manager
NSTec

...The State Perspective

Tim Murphy, Chief, Federal
Facilities Branch, Nevada Department
of Environmental Protection

OPEN DISCUSSION

3:00 **Department of Defense Waste Issues: Depleted Uranium and Beyond**

Greg Komp
Chief Health Physicist
U.S. Army

OPEN DISCUSSION

3:30 **COFFEE BREAK**

3:50 **U.S. Army Corps of Engineers — Progress at FUSRAP Sites**

Sharron DaCosta-Chisley, National
FUSRAP Program Manager, U.S. Army
Corps of Engineers

...Status of the Sylvania Corning Plant: Lessons Learned

Ann Ewy
U.S. Army Corps of Engineers

...Soil Segregation at the Painesville FUSRAP Site

Stephen Buechi
U.S. Army Corps of Engineers

...FUSRAP Use of Lidded Rail Cars in the St. Louis District

Jonathan Rankins
U.S. Army Corps of Engineers

OPEN DISCUSSION

4:45 **Addressing Waste Challenges At USACE**

...Depleted Uranium at the Iowa Ammunition Plant

Jonathan Rankins
U.S. Army Corps of Engineers

...Navigating NRC License Suspension at the Shallow Land Disposal Area Site

William Frederick
U.S. Army Corps of Engineers

...Cleanup and Disposal of Radium from Historical Uses

Hans Honerlah
U.S. Army Corps of Engineers

OPEN DISCUSSION

5:45 **ADJOURN**

5:45 **COCKTAIL RECEPTION**

Friday, September 9

7:00 **CONTINENTAL BREAKFAST**

8:00 **NNSA's Waste Management Challenge: The Disposition of Legacy Components from Warhead Dismantlements**

Speakers from NNSA, Sandia National Lab and NNS TBD

OPEN DISCUSSION

9:15 **Waste Disposal in Texas: Challenges and Opportunities**

John White, Vice Chairman
Texas Compact Commission

Susan Jablonski, Director, Radioactive
Materials Division, Texas Commission on
Environmental Quality

Dan Burns, Senior Vice President-
Planning and Business Development,
Waste Control Specialists

10:15 **COFFEE BREAK**

10:30 **Depleted Uranium Hexafluoride Conversion – An Update from the Portsmouth and Paducah Plants**

George Dials, President
B&W Conversion Services

OPEN DISCUSSION

11:00 **DOE Waste Management Priorities Amidst Shrinking Budgets**

Christine Gelles, Director
Office of Disposal Operations
U.S. DOE-EM

...Implementing DOE's Long-Term Strategic Plan for the Cleanup Program

Jay Rhoderick, Director
Large Site Support, U.S. DOE-EM

OPEN DISCUSSION

12:00 **ADJOURN**

— *AN OPPORTUNITY TO PARTNER & EXHIBIT* —

The Fifth Annual RadWaste Summit

If Your Company is Interested in Enhancing It's Visibility... Be a Partner...

Become a *RadWaste Summit Partner* and publicize your company to the community addressing the challenge of radiation waste disposition. This 2½ day event will attract participants from a broad spectrum of companies and organizations. The benefits include:

- Partner recognition on conference agenda and resource book;
- Inclusion of a 2/4 page 'marketing' flyer in the conference resource book;
- Moderating or speaking*;
- Free or discounted registrations*; and
- Recognition during the conference via signage publicizing the company logo/trademark, etc. (**Depends on level of partnership*)

Available partnership opportunities for this Summit include:

- Recognition on *Summit* participant Materials: Logo imprinted on: conference portfolio, Resource Book containing agenda, list of participants etc., notepads, pens, tote bags;
- AV support: Company logo/ad projected on screens used for PP presentations/overheads;
- Participant Hotel keys: Logo/ad imprinted on key
- Exclusive recognition at *Summit* functions/events

For details contact the Forums office at 1-877-303-7367 or email forums@exchangemonitor.com

• **IT'S FIRST COME, FIRST SERVE—EXHIBIT SPACE LIMITED** •

Participation: Conference exhibitors are limited.

Dates and Times: The Exhibit schedule revolves around many of the catered functions and provides ample opportunity for one-on-one discussions with Conference participants.

What to Do: **RESERVE SPACE NOW** for the Exhibit by registering at www.radwastesummit.com. For more information contact the Conference Coordination Office at: 1-877-303-7367 ext. 109.

Costs: **ALL FEES INCLUDE ONE COMPLIMENTARY REGISTRATION FOR THE SUMMIT.**

Exhibit Fee:	VERY SMALL COMPANIES (30 or Fewer Employees) \$1,295	SMALL COMPANIES (31-100 Employees) \$1,595	LARGE COMPANIES (Over 100 Employees) \$1,995
---------------------	---	--	---

GO TO www.radwastesummit.com to Sign up

— *Past Attending Organizations* —

Advocates for Responsible Disposal in TX
AECOM
Alaron Nuclear Services
American Ecology Corporation
American Veteran Environmental Services
Andrews Engineering, Inc.
AREVA Federal Services LLC
Argonne National Laboratory
ATL International Inc.
Atlantic Compact Commission
Australian Embassy
B&W Technical Services Group
B&W Y-12 Technical Services, LLC
Babcock Services, Inc.
Battelle Energy Alliance, LLC
Bechtel Jacobs Company LLC
Bechtel National, Inc.
BNSF Railway
Boron Products, LLC
Brookhaven National Laboratory
Cabrera Services, Inc.
Cal Rad Forum
California Department of Health
Canberra Industries
CAST Transportation
Cavanagh Services Group, Inc.
CDM
Cedar Mountain
CETCO
CH2M Hill
CH2M-WG Idaho, LLC
Chase Environmental Group, Inc.
Chesapeake Nuclear Services, Inc.
Clean Harbors Environmental Services
Columbiana Hi Tech
Commodore Advanced Sciences, Inc.
Community Advisory Board for NTS Prog.
CRCPD
Dade Moeller
DeNuke Services
Duke Energy
DW James Consulting, LLC
Eastern Technologies, Inc.
Edgewater Technical Associates, LLC
Eli Lilly and Company
EnergX
EnergySolutions
Engineering Construction Services
Entergy Services, Inc.
Environmental Dimensions, inc.
EPRI
ETEBA
Exelon Nuclear
Firewater
Florida Bureau of Radiation Control
Fluor Government Group
Fuji Electric Systems Co. Ltd
GEL Laboratories, LLC
Geosyntec Consultants
Greenfield Logistics
Hanford Advisory Board
ICE Service Group, Inc.
Idaho Department of Environmental
Quality
IHI INC.
IMPACT Services, Inc.
Intera Inc
International Atomic Energy Agency
International Isotopes
Isotek
Japan Atomic Energy Agency
Japan Nuclear Fuel Limited
Korea Radioactive Waste Mgmt. Corp.
Kurion, Inc.
Longenecker & Associates
Los Alamos National Laboratory
Los Alamos National Security
Los Alamos Technical Associates
Low-Level Radioactive Waste Forum, Inc.
LVI Services Inc.
M&EC/Waste Support Services
M2 Polymer Technologies, Inc.
MA Radiation Control Program
MACTEC
Major Tool & Machine, Inc.
Maryland Institute
MELE Associates, Inc.
MHF Services
Morehouse School of Medicine
National Nuclear Security Administration
National Security Technologies, LLC
NAVSEA/LSMM
Neptune and Company
Nevada Div. of Environmental Protection
Nevada Site Office
New World Environmental Inc
Norfolk Southern Corporation
Northrop Grumman
NRC Division of Waste Management
Nuclear Energy Institute
Nuclear Management Associates
Nye County
Oak Ridge National Laboratory
Pacific Gas & Electric
Pacific Northwest National Laboratory
PacTec, Inc.
Pajarito Scientific Corporation
PaR Systems/Environmental
Perma-Fix Environmental Services, Inc.
Philotechnics, Ltd.
PIKA International, Inc.
Powertech (USA) Inc.
Princeton Plasma Physics laboratory
Pro2Serve
Project Enhancement Corporation
Quality Inspection Services, Inc
Radwaste Solutions Magazine
RMS, Inc.
Rocky Mountain Compact
SA Mays LLC
SAIC
Sandia National Laboratories
Savannah River National Laboratory
Savannah River Nuclear Solutions, LLC
Savannah River Remediation LLC
SC&A, Inc.
Southeast Compact Commission
Southwest Research Institute
Sparton Resources Inc.
State of Nevada
State of Washington, Dept. of Ecology
Sterne Agee & Leach
Strata-G, LLC
Studsvik, Inc
Talisman International, LLC.
TerranearPMC, LLC
TestAmerica, Inc.
Tetra Tech
Texas Compact Commission
The League, LLC
THOR Treatment Technologies/URS
Toxco Inc.
TransModal Logistics, Limited
Transnuclear, Inc.
TransWorld Equipment Corp.
Tri-State Motor Transit Co.
Turnkey Transportation
TX Dept of Health Services
U.S. Army Corps of Engineers
U.S. Department of Energy
U.S. Environmental Protection Agency
U.S. Government Accountability Office
U.S. Nuclear Regulatory Commission
Union Pacific Railroad
UniTech Services Group
U.S. Enrichment Corporation
University of Nevada, Las Vegas
University of Wisconsin
URENCO USA
URS Safety Management Solutions
Utah Department of Environmental Quality
Visionary Solutions
VT Dept. Public Service
Wade Associates
Washington Closure Hanford
Washington River Protection Solutions
Washington State Department of Ecology
Washington State Department of Health
Washington TRU Solutions, LLC
Waste Control Specialists, LLC.
Waste Management Innovations, Inc
Wastren Advantage (WAI)
Wedbush Securities
West Valley Environmental Services
Westinghouse Electric Company
WMG Inc
WorleyParsons Polestar, Inc.

ACCOMMODATIONS

Rates to attend the Summit at JW Marriott, Las Vegas (Summerlin), which is near the DOE office are **\$159.00 for single and double occupancy. Government rates are available at \$93.00** for single and double occupancy. These rates do not include a daily hotel services fee, along with applicable city and state taxes (which are currently 12%). **If you are a government employee, you must have a government identification card.**

To register for the conference and book a hotel room, please visit www.radwastesummit.com. To guarantee a room reservation at conference rates, make your reservation by **August 19**. If space is available, the above rates will apply for attendees two days prior and two days after our program dates. **We recommend making your reservations EARLY to secure a guest room.**

JW MARRIOTT LAS VEGAS (SUMMERLIN)

The JW Marriott Las Vegas is an elegant hotel in Summerlin, Nevada just outside of downtown Las Vegas. The hotel is set against the crimson canyons and rugged cliffs of Red Rock and is home to premiere conference facilities that feature a full service business center that provides uncompromising levels of service and amenities. After a busy day of meetings one can just relax and enjoy the natural beauty, play a round of golf or visit the nearby Red Rock Canyon which provides breathtaking hikes, mountain climbing or biking opportunities.

Registration opens at 3:00 p.m. Tuesday, Sept. 6 followed by a Reception and Dinner at 6:00 p.m. The opening Plenary is at 8:00 a.m., Wednesday, Sept. 7. The Summit ends at noon, Friday, Sept. 9.

THE FIFTH ANNUAL RADWASTE SUMMIT

(WEBSITE: www.radwastesummit.com)

GROUND TRANSPORTATION

No regular shuttle service is available from any of the Airports.

From McCarran International Airport: Take Interstate 15 North to Expressway 95 North (Reno). Take Summerlin Parkway exit West. Take Rampart exit and make a left onto Rampart Boulevard. Take a right turn into the resort.

The hotel does offer a return trip to the airport for \$25.00

Estimated taxi fare: 50.00 (one way).

THE FIFTH ANNUAL RADWASTE SUMMIT

September 6 - 9, 2011

JW Marriott Las Vegas

Summerlin, Nevada

Registration Fees:

	CIRCLE ONE
Federal Employees (non-speakers):	\$525.00
State & Local Government Officials, NGO Representatives:	\$525.00
General Admission (<i>prior to Aug. 12</i>)	\$995.00
<i>[includes Federal Contractors]</i>	

(Add \$200 to Gen. Adm. Fee after Aug. 12; Discounted Fees for Multiple Registrations available)

(Registration includes: three continental breakfasts, two lunches, three receptions, two dinners, a copy of the Resource Book and conference proceedings.) Call 1-877-303-7367 for more information.

Cancellation Policy: There is a \$200.00 service charge on cancellations after **August 22, 2011**. No refunds will be made after **August 29, 2011** but substitutions are welcome.

REGISTER ONLINE AT: www.radwastesummit.com

promise to provide a solution to the storage question.” Landrieu added, “To advance nuclear technology, we must get serious about establishing a permanent nuclear waste repository. Unfortunately, this effort has been delayed. While we continue to work to find a permanent location for spent nuclear fuel, we need to make sure that we have an interim and safe storage option available.”

Centralized Storage ‘Essential Near-Term Step’

The Nuclear Energy Institute, the lobbying arm of the nuclear industry, came out in support of the bill this week. “There is growing consensus that developing centralized storage capacity is an essential near-term step for safely managing used nuclear fuel,” Alex Flint, senior vice president for governmental affairs for NEI, said in a statement. “It has been long-standing industry policy that the federal government must develop centralized storage for used fuel, in volunteer communities. Senator Murkowski’s legislation would incentivize host communities that develop these facilities and potential spinoff jobs that could be created.”

Under the Nuclear Waste Policy Act of 1982, the federal government was required to take ownership of spent nuclear fuel from commercial nuclear power plants starting in 1998. The government has not fulfilled that requirement and as a result has been the target of numerous lawsuits from utilities seeking to recover the costs of storing the spent fuel. In a joint statement July 1, Murkowski and Landrieu said that the federal government has already paid out \$725 million to settle 11 lawsuits as a result of its failure to take spent nuclear fuel off nuclear power sites, and its liability for ongoing lawsuits is roughly \$1.5 billion. The Blue Ribbon Commission on America’s Nuclear Future, tasked by the President to come up with a strategy for dealing with spent fuel and high-level waste, issued draft subcommittee recommendations in May that included long-term interim storage of nuclear waste at up to several sites, and the bill reflects the bipartisan support the idea of interim storage has received from the Senate.

—Sarah Anderson

YUCCA SHUTDOWN CHALLENGERS WEIGH NEXT STEP AFTER DISMISSED CASE

Challengers to the Department of Energy’s shutdown of the Yucca Mountain program are weighing their options following last week’s court opinion dismissing the case, brought by Washington state, South Carolina, and Aiken County, S.C. Though the U.S. Court of Appeals for the District of Columbia unanimously decided that it didn’t have jurisdiction over the matter absent a decision from the

Nuclear Regulatory Commission, it also clearly stated that the NRC is required to act soon. “We were disappointed with the court’s ruling that it was premature, but if I’m the NRC and the Department of Energy, I don’t know that I am cartwheeling down the hall,” Todd Bowers, senior counsel for the Washington attorney general, told *NNB Monitor*. “The court didn’t say that we were wrong on the merits, and the court in fact suggested that even though it was premature, that time is running out for them. We take great solace in that, that the court recognizes that we are statutorily entitled to some decision by them.” NRC officials had no comment on the court’s opinion.

Court: NRC Can’t ‘Refuse to Act’

DOE shut down its Yucca Mountain repository program in early 2010, which triggered lawsuits by several states and communities that store nuclear waste. While an NRC Atomic Safety and Licensing Board decided in June 2010 that DOE could not legally withdraw its application for the repository, NRC commissioners have yet to release an order that could potentially reverse that decision. The commissioners voted on the matter last fall, but have been unable to reach an agreement to issue a final order, essentially stalling the process. In the meantime, the NRC began a closeout of its Yucca Mountain review last October. NRC Chairman Gregory Jaczko has said that the agency ended all license application review activities, and has shifted its focus to storing data from the review. He expects the agency’s closeout to finish by the end of the year, and has not said definitively when or whether the commission will make a decision (*NNB Monitor* Vol. 30 No. 25).

The court’s opinion, however, emphasizes that the Nuclear Waste Policy Act required the NRC to act on the Yucca Mountain decision by June 17 this year, though there is a possibility of a 12-month extension that has not yet been requested. “We will not permit an agency to insulate itself from judicial review by refusing to act,” it states. If the commission fails to act by the deadline, the challengers would have a new cause of action that can be brought to court, according to the opinion by Chief Judge David Sentelle. “Very soon, contingencies discussed above should be resolved and Petitioners—and importantly this court—will know whether the Commission will permit the DOE to withdraw the Yucca Mountain license application, and if not, whether the Commission approves or disapproves the application,” the opinion states.

Washington: Case ‘Far From Over’

Following the opinion, Washington State Attorney General Rob McKenna emphasized that “this case is far from over.” In a statement, he said that the office “will review

the Court's decision and consider our options for moving forward in coordination with our clients in the Governor's office, the Department of Ecology, and our fellow petitioners. However, we are encouraged that the Court recognized the federal government's legal responsibility to provide for disposal of the nation's high level waste." Bowers said that there are several options available: Petitioners could file a new action, appeal to the Supreme Court or request a rehearing by all nine judges in the court.

In a concurring opinion, Judge Janice Brown chastised the petitioners for not challenging the NRC. "It is arguable the NRC has abdicated its statutory responsibility under the NWSA.... But Petitioners simply do not press this agency inaction claim. Despite months of extensive briefing and protracted questioning at oral argument, Petitioners still see only the President and his administration obstructing their path to judicial review." She added that "Such stubbornness may snatch defeat from the jaws of victory." Sentelle's opinion suggested that the court may consider issuing a writ of mandamus that would require the NRC to act.

Opinion 'Underscores the Urgency'

In Congress, the court's decision was lauded by both sides of the Yucca Mountain dispute. "The court's decision underscores the urgency for the NRC to complete action on the Yucca repository licensing application," House Energy and Commerce Chairman Fred Upton (R-Mich.) and Rep. John Shimkus (R-Ill.) said in a statement. The pair has been leading a committee investigation of the Yucca Mountain shutdown, and in a string of hearings, committee members have been sharply critical of the NRC's closeout and Jaczko's management of the agency. Noting that NRC Commissioner William Ostendorff was confirmed to a second term last week, they said that "the NRC must now come together and finalize its vote on the Atomic Safety Licensing Board's ruling that DOE cannot withdraw Yucca's application." Meanwhile, chief Yucca opponent Sen. Harry Reid (D-Nev.) claimed that the court's decision marked an important win in the battle to kill Yucca Mountain, calling it a "great day for Nevada" in a Twitter post shortly after the opinion's release.

—Kenneth Fletcher

ENTERGY, VERMONT FILE ARGUMENTS AS DEADLINE FOR REFUELING LOOMS

With a \$65 million decision looming on whether to refuel the Vermont Yankee nuclear plant this fall, both plant owner Entergy and the state of Vermont filed "finding of fact" briefs this week in Entergy's attempt to secure a

temporary injunction against the state's efforts to shut the plant down when its current license expires in March 2012. Entergy has a scheduled refueling outage in October, but unless the court decides to issue a temporary injunction ensuring Vermont Yankee can operate beyond its current license expiration date, the company will not invest in the \$65 million in fuel, and shut down the plant. Entergy told *NNB Monitor* that a decision by July 24 at the latest would be "desirable" (*NNB Monitor*, Vol. 30 No. 27).

Entergy Cites 'Adverse Impact'

Entergy lawyers wrote in the July 1 filing that the temporary injunction is necessary as the plant is already suffering "irreparable harm." Beyond the approaching deadline to make a decision on refueling, Entergy wrote that the threat of shutdown is causing "an adverse impact on their credit [and] attrition of key employees at the Vermont Yankee Station." Entergy also asserts that "reliability and similar economic issues are not within Vermont's authority to consider in the case of an interstate wholesale plant (as distinguished from a retail utility over which states have traditional power)."

Entergy also argued that, by passing a law that required legislative approval in order for Vermont Yankee to continue operations, state lawmakers overstepped their regulatory authority when they denied that approval based on safety concerns, which is under the sole federal regulatory authority of the Nuclear Regulatory Commission. But Vermont state lawyers argued in their filing that the law contains "a single reference to 'public health and safety,'" and "therefore does not evince legislative intent to regulate regulatory safety. A number of public health issues—entirely unrelated to radiological safety—fall within the state's regulatory authority" over Vermont Yankee.

Trial Scheduled for October

Entergy filed a lawsuit April 18 asking for an injunction against ongoing efforts by state lawmakers to shut down Vermont Yankee, though the plant received a 20-year license extension from the Nuclear Regulatory Commission in March (*NNB Monitor*, Vol. 30 No. 16). However, as the trial is not scheduled to begin until Oct. 12, Entergy on April 22 also filed a motion for a temporary injunction to maintain the status quo of operations at Vermont Yankee pending a decision in the lawsuit. The briefings rehashed the legal points that lawyers for Vermont and Entergy made during hearings on the temporary injunction, held June 23 and 24.

Entergy asserts that the NRC's regulations and authority to supercede state authority. In 2006, the state of Vermont

passed a law that required Entergy to receive a positive vote from the state legislature in order to continue operations beyond its current license expiration date of March 2012. Given the deteriorating public opinion of the power station in the state, Entergy can have no confidence in gaining legislative approval. However, earlier this year the

NRC Commissioners unanimously voted to extend Vermont Yankee's license until 2032. Entergy's lawsuit claims that NRC's federal approval outweighs that of Vermont.

—Sarah Anderson

Uranium Report...

USEC FACES LAWSUIT OVER TRANSITION OF WORKERS TO PORTSMOUTH D&D

USEC has been hit with a lawsuit over the transition of its workers to the D&D project now underway at the Portsmouth uranium enrichment plant. The suit alleges that the transition of workers to Fluor-B&W Portsmouth, LLC (FBP), represents an involuntary layoff, and therefore those impacted workers are owed severance pay by USEC as required under the company's benefits plan. "Defendants have failed to make severance payments to entitled class members even though the class members were terminated because of an Involuntary Reduction in Force. Further, Defendants have declared that they will not make severance payments to other class members, who will transition to Fluor in the very near future," the lawsuit states. The suit was filed in late June in the U.S. District Court for the Southern District of Ohio. In a written response late this week, USEC spokesman Jeremy Derryberry said, "As a matter of policy, we do not comment on litigation. We believe that we have complied with all legal and contractual requirements governing the transition of work from USEC to DOE's D&D contractor.

USEC is currently in the midst of transitioning workers, and the bulk of the facilities at the Portsmouth site, to the D&D project being conducted by DOE. Last August, FBP won a 10-year, \$2 billion contract to decommission the Portsmouth Gaseous Diffusion Plant, which had been operated by USEC. Early this year, FBP announced plans to hire a total of 1,600 employees for the

Portsmouth D&D project, including all non-managerial, salaried employees identified by USEC as at-risk (*WC Monitor*, Vol. 22 Nos. 4&5). The lawsuit claims, though, that the "former and current USEC employees ... are, and will be, employed under materially different terms and conditions than those which they enjoyed at USEC."

The lawsuit also alleges that USEC intentionally tried to circumvent requirements to pay severance pay to those workers being transitioned over to the Portsmouth D&D project by having them sign letters of resignation. "Upon information and belief, Defendants instructed their Human Resources employees to misrepresent to class members the status of their benefits by holding meetings to convince class members to draft and sign resignation letters in order to circumvent payment of severance under the Plan," the suit says, adding that "Defendants have even threatened to withhold certain benefits, including vacation pay, until class members return signed letters of resignation." The suit seeks the creation of a fund for USEC to deposit owed severance pay, as well as "equitable relief" and attorneys' fees and costs. In addition, the suit asks the court to appoint "an independent fiduciary," at USEC's expense, with authority over the management and administration of the company's Employee Termination of Employment Plan.

—Mike Nartker

Wrap Up

IN THE NRC

William Ostendorff was sworn in July 7 to his second term as a commissioner on the Nuclear Regulatory Commission, with the new five-year term ending in 2016. This follows Ostendorff's last-minute confirmation by the Senate on June 30, the final day of his first term, after Sen. Bernie Sanders (I-Vt.) lifted a temporary hold on the nomination placed because of possible NRC

intervention in the Vermont Yankee case. Ostendorff said in a statement following his swearing in, "There are many important issues facing the NRC and I am looking forward to working with my colleagues on the Commission to address these issues and to meet our safety mission."

Calendar

July

- 12 Markup: House Appropriations Committee markup of Fiscal Year 2012 Interior and Environment Appropriations Act, including EPA programs. 2359 Rayburn Bldg., Capitol Hill. Time TBA.
- 13 Meeting: Oak Ridge Citizens Advisory Board; DOE Information Center, 475 Oak Ridge Turnpike, Oak Ridge, Tenn.
- 13 Meeting: Nevada Site-Specific Advisory Board; TBA; 5 p.m.; Contact: 702-657-9088 or nssab@nv.doe.gov; Information: <http://nv.energy.gov/NSSAB/default.aspx>.
- 16 HOUSE BEGINS DISTRICT WORK PERIOD RECESS.
- 17-20 Meeting: National Association of Regulatory Utility Commissioners Summer Committee Meetings; LA Live JW Marriott, Los Angeles, Calif. Information: <http://summer.narucmeetings.org/>
- 17-21 Meeting: Institute of Nuclear Materials Management 52nd Annual Meeting; Desert Springs JW Marriott Resort, Palm Desert, Calif.; Information: www.inmm.org.
- 18-19 Meeting: National Academy of Sciences panel on lab management of the NNSA's nuclear weapons laboratories, speakers include former NNSA Administrator Linton Brooks, former Defense Programs chief Vic Reis, and former Los Alamos National Laboratory Director Siegfried Hecker, at the National Academies' Keck Center, portions of two-day meeting will be closed. Time: TBD.
- 21 Meeting: Paducah Citizens Advisory Board; Paducah, Ky.; Contact: Eric Roberts at 270-554-3004 or eric@pdgpcab.org; Information: <http://www.pdgpcab.energy.gov/2011Meetings.html>
- 25 HOUSE RETURNS FROM DISTRICT WORK PERIOD

RECESS.

August

- 6 HOUSE AND SENATE BEGIN AUGUST RECESS.
- 14-17 Conference: Utility Working Conference and Vendor Technology Expo; The Westin Diplomat, Hollywood, Fla.; Sponsor: American Nuclear Society; Information: www.ans.org.

September

- 6 HOUSE AND SENATE RETURN FROM AUGUST RECESS.

6-9

THE FIFTH ANNUAL RADWASTE SUMMIT

*Entering a New Era for
Radioactive Waste Management*

JW Marriott Las Vegas
Summerlin, Nevada

Bookmark www.radwastesummit.com for Program Details

**For Information Call 1-877-303-7367 ext. 109 or
email: forums@exchangemonitor.com**

- 8-9 Meeting: Hanford Advisory Board; Information: <http://www.hanford.gov/page.cfm/hab>.
- 14 Meeting: Nevada Site-Specific Advisory Board; Frank H. Rogers Building, 755 E. Flamingo Rd, Las Vegas, Nev.; 4 p.m.; Contact: 702-657-9088 or nssab@nv.doe.gov; Information: <http://nv.energy.gov/NSSAB/default.aspx>.



The *NNB Monitor* is a weekly publication (50 issues a year) providing in-depth coverage of all facets of the nuclear 'renaissance,' including: New Plant Licensing; Financing & Loan Guarantees; Advanced Reactors; Fuel Fabrication; Uranium Enrichment; NGNP and other DOE Initiatives; Reprocessing; and Safeguards.

YES! Please enter my subscription for one full year at \$1,295.00*.

Standard Delivery**
(Delivered in PDF form vial email)

Print Delivery
(Delivered via mail)

Check Enclosed Charge My: VISA MC
(Circle One) AMEX

Card No.: _____

Expiration Date: _____

Cardholder's Name: _____

Billing Address: _____

Name: _____

Title: _____

Affiliation: _____

Address: _____

City: _____ State/Providence: _____ Zip: _____

Tel.: _____ Fax: _____

Email: _____

I would like information on rates for Multi-user/Enterprise/Site Subscriptions

Fax to: 202-296-2805 or Mail to: ExchangeMonitor Publications, Inc.; Attn.: Subscription Services; PO Box 39289, Washington, DC 20016; For more information email: subservices@exchangemonitor.com or call 1-800-776-1314 ext. 101.

* Effective 10/1/94 all subscriptions within the District of Columbia MUST add 5.75% sales tax to amount due.
** Due to copyright purpose, all recipients asked to sign electronic subscription agreement

EXCHANGEMONITOR PUBLICATIONS, INC. is the publisher of the *Weapons Complex Monitor* (50 issues/year \$1,595); *Nuclear Weapons & Materials Monitor* (50 issues/year \$1,495); *Nuclear New Build Monitor* (50 issues/year \$1,295); *RadWaste Monitor* (50 issues/year \$1,295); and *GHG Reduction Technologies Monitor* (50 issues/year \$1,295). The annual subscription rate for foreign subscription is \$40 additional. Email/Multi-users/Enterprise/Site Subscriptions available. Correspondents are located in Oak Ridge, Tenn.; Albuquerque, N.M.; Amarillo, Texas; Cumbria, U.K.; and Moscow, Russia. All subscription inquires to: ExchangeMonitor Publications, Inc. Attn.: Subservices; P.O. Box 39289, Washington, DC 20016-5782; Tel.: 1-800-776-1314 or 202-296-2814 ext. 101; Fax: 202-296-2805; e-mail: subservices@exchangemonitor.com. Editorial Comments to: ExchangeMonitor Publications, Inc. Attn.: Martin Schneider, Editor-in-Chief; 4455 Connecticut Avenue, N.W., Suite A-700, Washington, DC 20008; Tel.: 202-296-2814 ext. 105; Fax: 202-296-2805; e-mail: schneider@exchangemonitor.com. Visit our web page at <http://www.exchangemonitor.com>. Copyright©2011 by ExchangeMonitor Publications, Inc. Printed in Washington, DC by Sir Speedy. All right reserved. No part of this publication or may be reproduced by any means (photocopied, electronic submission, etc.) without written permission of the publisher.