

# THE FIRST ANNUAL RADWASTE SUMMIT

## Addressing Current Practices & Future Challenges: *Generators, Service Providers & Regulators...*

**September 4-7, 2007**

JW Marriott Las Vegas Resort & Spa  
Las Vegas, Nevada

### *Featured Speakers...*

**Frank Marcinowski**, *Deputy Assistant Secretary, Regulatory Compliance,  
U.S. Dept. of Energy, Environmental Management*

**Didier Louvat**, *Head of the International Atomic Energy  
Agency's Waste Safety Program*

**Bonnie Gitlin**, *Associate Director, Radiation Protection Division,  
U.S. Environmental Protection Agency*

**Mike Ryan**, *Chairman, U.S. NRC Advisory Committee on Nuclear  
Waste & Materials*

**Frank Di Sanza**, *Director, Waste Management Division, NNSA-Nevada Test Site*

### *Topics addressed will include:*

- **Projections of Rad Waste Volumes** Requiring Disposal Across the Federal Government;
- **New DOE Waste Streams**, Including D&D of Oak Ridge Central Campus and Portsmouth D&D Plans;
- The Future of Class B&C Waste given the **mandated closing of Barnwell**;
- Addressing DU Waste from the Iraq War;
- DOE's **Transuranic Waste Strategy** and Future WIPP Capacity;
- The Latest on **Upcoming DOE, DoD and Army Corps Procurements**;
- **What's next for FUSRAP** as a Series of Challenging Cleanups Loom;
- **Future Disposal Operations** at Current and Planned Sites;
- **The Resurgence of Recycling** within DOE, DoD and Commercially;
- New **Packaging, Transportation and Treatment Solutions**; and.
- **Waste From New Uranium Mining Operations.**

**Plus special sessions on Department of Defense waste with officials from DoD and the Army Corps of Engineers focusing on what's next for FUSRAP, reactor deactivation, Superfund, BRAC and more.**

An

**MONITOR**  
EXCHANGE  
PUBLICATIONS  
& FORUMS

Event

# — THE FIRST ANNUAL RADWASTE SUMMIT —

## AGENDA

Tuesday, September 4

3:00 **REGISTRATION OPENS**  
**REGISTRATION MATERIALS**  
*Co-Sponsors: EnergySolutions, Visionary Solutions, LLC and Nuclear Fuel Cycle Monitor*

6:00 **COCKTAIL RECEPTION**  
*Co-Hosts: EnergySolutions and ExchangeMonitor Publications & Forums*

7:00 **OPENING DINNER**  
*Co-Hosts: EnergySolutions and ExchangeMonitor Publications & Forums*

Wednesday, September 5

7:00 **CONTINENTAL BREAKFAST**  
*Co-Hosts: Perma-Fix and EM Publications & Forums*

8:00 **WELCOME/INTRODUCTORY REMARKS**

**Edward L. Helminski**, President  
EM Publications & Forums

8:05 **OPENING PLENARY**

**MODERATOR: Edward L. Helminski**  
President, EM Publications & Forums

**THE EVOLVING WORLD OF RADWASTE MANAGEMENT (SESSION I)**

*A Global Perspective*

**Didier Louvat**, Head  
Waste Safety Section, Radiation Transport & Waste Division  
Dept. of Safety & Security  
International Atomic Energy Agency

8:30 *Varied Views from Within the U.S.*

**U.S. Dept. of Energy Readjusts Operations in Line with Changing Requirements**

**Frank Marcinowski**  
Deputy Assistant Secretary  
Regulatory Compliance  
Department of Energy, EM

OPEN DISCUSSION

8:55 *The U.S. Utilities' View of the Challenges in the Near Term*

**Ralph Anderson**  
Nuclear Energy Institute

OPEN DISCUSSION

*An Outlook on U.S. Disposal Capacity in the Next Decade*

**Brett Rogers**, Vice President  
EnergySolutions

OPEN DISCUSSION

9:45 *Strategic Perspective on Waste Management Issues Facing the U.S. Commercial Sector*

**Michael Ryan**, Chairman  
Advisory Committee on Nuclear Waste, Nuclear Regulatory Commission

OPEN DISCUSSION

10:10 **COFFEE BREAK**  
*Host: EM Publications & Forums*

10:25 **THE EVOLVING WORLD OF RADWASTE MANAGEMENT (SESSION II)**

**MODERATOR:**

*Views from U.S. Regulators*

**The Federal Regulatory Perspective...**

**Keith McConnell**, Dep. Director  
Decommissioning & Uranium Recovery Licensing, NRC

**From the States' Perspectives...**

**Ruth McBurney**, Exec. Director,  
Conference on Radiation Control Program Directors

*Views from the Regional Compacts and State Agencies*

**Leonard Slosky**, Executive Director  
Rocky Mountain Compact

**Max Batavia**, Executive Director  
Atlantic Compact

**Marcia Marr**, Executive Director  
Central Midwest Compact

**Assuring LLRW Disposal Access for Non-DOE RadMaterial Users: Solutions Outside the Box**

**Alan Pasternak**, Technical Director  
Cal Rad Forum

OPEN DISCUSSION

11:50 **The Challenge Facing Generators Dealing with Class B&C Waste (Session I)**

**MODERATOR: Rebecca Cooper**  
Reporter, EM Publications  
Nuclear Fuel Cycle Monitor

*Closing Down Barnwell and Access to Disposal Capacity for Class B&C Waste*

**Bill Newberry**  
S. Carolina Budget and Control Board

**Richard Haynes**, Director  
Division of Waste Management  
S.C. Dept. of Health & Env. Control

**Mark Lewis**  
EnergySolutions

OPEN DISCUSSION

12:30 **LUNCH**  
*Co-Hosts: Waste Control Specialists and EM Publications & Forums*

1:30 **The Challenge Facing Generators Dealing with Class B & C Waste (Session II)**

**MODERATOR: Rebecca Cooper**  
Reporter, EM Publications  
Nuclear Fuel Cycle Monitor

*NRC Prepares Guidance for Increasing Onsite Storage for Class B & C Waste*

**Jim Kennedy**, Senior Project Manager  
Low-Level Waste, U.S. NRC

**Respondents:**  
**Thomas Laetz**  
Government Accountability Office

OPEN DISCUSSION

2:10 **Update: EPA's Office of Radiation and Indoor Air**

**MODERATOR: Martin Schneider**  
Editor-in-Chief, EM Publications  
Weapons Complex Monitor

**Bonnie Gitlin**, Assoc. Director  
Radiation Protection Division  
Office of Radiation and Air, EPA

OPEN DISCUSSION

2:30 **The Growing Practice, Intent & Expectations of Utilizing RCRA Class C Permitted Landfills for Low Activity Waste Disposal**

**MODERATOR:**

*The Status of EPA's Initiative to Promulgate Guidelines for Low Activity Radwaste/NRC Released Materials*

**Daniel Schultheisz**, Enviro. Engineer  
Off. of Radiation and Indoor Air, EPA

# — Addressing Current Practices & Future Challenges —

## *The Utilization of NRC's 20.2002 Case-by-Case Materials Release Process*

**Jim Kennedy**, Senior Project Manager  
Low-Level Waste, NRC

OPEN DISCUSSION

## *DOE's Contaminated Material Authorized Release Process*

*(DOE Speaker to be Determined)*

## *FUSRAP and the U.S. Army Corps of Engineers—One Decade Down, One to Go*

**Suzanne Beauchamp**  
U.S. Army Corps of Engineers

**Julie Clements**, CHP  
Hazardous Toxic & Radioactive Waste  
Center of Expertise  
U.S. Army Corps of Engineers

OPEN DISCUSSION

3:30 **COFFEE BREAK**  
*Host: EM Publications & Forums*

3:45 *A Panel Session—Intentional Mixing/Waste Aggregation*

MODERATOR:

**Julie Clements**, CHP  
Hazardous Toxic & Radioactive Waste  
Center of Expertise  
U.S. Army Corps of Engineers

**Ruth McBurney**, Exec. Director,  
Conference on Radiation Control  
Program Directors

**David Cronshaw**, Sr. Vice President  
Waste Control Specialists

**Bonnie Gitlin**, Assoc. Director  
Radiation Protection Division  
Office of Radiation and Indoor Air  
EPA

OPEN DISCUSSION

4:30 **The Changing Structure of Waste Management Services in the U.S.**

MODERATOR: **Myron Kaczmarzsky**  
Sr. V. Pres. Business Development  
Bartlett Services

## *Restructuring DOE Site Waste Operations in Line with the New Funding Structure for the Nevada Test Site*

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

**E. Frank Di Sanza**  
Waste Management Division  
U.S. DOE-Nevada Test Site

**Jhon Carilli**  
Nevada Test Site  
U.S. DOE

**Tim Murphy**, Chief  
Federal Facilities Bureau  
Nevada Division of Env. Protection

OPEN DISCUSSION

## *Current and Evolving Commercial Waste Disposal Services*

**Kaylin Loveland**, Vice President  
EnergySolutions

**David Cronshaw**, Sr. Vice President  
Waste Control Specialists

OPEN DISCUSSION

5:30 **ADJOURN**

6:00 **RECEPTION**  
*Host: EM Publications & Forums*

## **Thursday, September 6**

7:00 **CONTINENTAL BREAKFAST**  
*Host: EM Publications & Forums*

8:00 **The International Initiative to Develop a Risk-based Waste Classification Scheme**

MODERATOR: **Erich Evered**  
Sr. V. Pres. & DOE Natl Program Mgr.  
Cabrera Services, Inc.

**Didier Louvat**, Head  
Waste Safety Section, Radiation  
Transport & Waste Division  
Dept. of Safety & Security  
International Atomic Energy Agency

*Respondents: State Regulatory Officials*

OPEN DISCUSSION

8:45 **Developments in the DOE-NRC Discussions to Put in Place a Risk-Based Solution to Liquid Tank Waste**

**Karen Guevara**, Director  
Office of Compliance, DOE-EM

OPEN DISCUSSION

9:10 **Projections of Future Volumes and Radioactive Content of Waste from DOE Facilities**

**Doug Tonkay**, LLW Team Leader  
U.S. DOE-EM

## **Addressing NNSA RadWaste Management Needs**

**John Lehr**, Deputy Director  
Office of Environmental Projects and  
Installations, National Nuclear Security  
Administration

OPEN DISCUSSION

9:55 **LLRW Management and Disposal at DoD**

**Kelly Crooks**  
Army Industrial Operations Command  
Rock Island, Ill.

OPEN DISCUSSION

10:20 **COFFEE BREAK**  
*Host: EM Publications & Forums*

10:35 **Disposal Requirements to Meet Nuclear Reactor Decommissioning Needs Within DoD**

MODERATOR: **Amar Raval**  
TerranearPMC

**Brian Hearty**, CHP  
Hazardous, Toxic & Radioactive  
Waste Center of Expertise  
U.S. Army Corps of Engineers

**Hans Honerlah**, CHMM  
Baltimore District  
U.S. Army Corps of Engineers

OPEN DISCUSSION

**U.S. Army Corps of Engineers  
Radioactive Waste Cleanup and  
Associated Disposal Needs**

**David Hays**  
Kansas City District  
U.S. Army Corps of Engineers

**Hans Honerlah**, CHMM  
Baltimore District  
U.S. Army Corps of Engineers

OPEN DISCUSSION

11:35 **Facing the Problems of Dealing With "Orphaned" Rad Source Material and Waste**

MODERATOR: **Rebecca Cooper**  
Reporter, EM Publications  
Nuclear Fuel Cycle Monitor

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

OPEN DISCUSSION

**The DOE-CRCPD Source Control Threat Reduction Program (SCATR)**

**Sam Finklea**  
S.C. Law Enforcement Division

**Daniel Schultheisz**, Enviro. Engineer  
Off. of Radiation and Indoor Air, EPA

OPEN DISCUSSION

12:15 **LUNCH**  
*Host: EM Publications & Forums*

# — Addressing Current Practices & Future Challenges —

- 1:15 **DOE Site Waste Management Needs and Requirements**  
MODERATOR:  
*The Waste Streams Resulting from D&D at DOE-Portsmouth*  
**David Kozlowski**, (Acting) Site Lead  
Portsmouth, U.S. DOE-EM  
*Waste Management Challenges at Idaho*  
**Mark Arenaz**, Project Director  
WAG 7, Idaho Operations Office  
U.S. DOE  
*Charting a Disposal Path for Hanford*  
**Mike Collins**  
Richland Operations Office  
U.S. DOE  
OPEN DISCUSSION
- 2:30 **Mixed Waste Management and Disposal—A Diminishing DOE Capacity, An Opportunity for Commercial Services (Session I)**  
*EM Plans for a Complex-Wide Treatment Contract*  
**Mark Senderling**  
U.S. DOE-EM  
OPEN DISCUSSION
- 3:00 **COFFEE BREAK**  
*Co-Hosts: EM Publications & Forums*
- 3:15 **Mixed Waste Management and Disposal— A Diminishing DOE Capacity, An Opportunity for Commercial Services (Session II)**  
*Update on Operations at the TSCA Incinerator*  
**Joy Sager**  
Oak Ridge Operations Office  
U.S. DOE-EM  
*Addressing Mixed Waste at Idaho Ops*  
**Mary Willcox**  
Idaho Operations Office  
U.S. DOE-EM  
*Commercial Alternatives for Mixed waste Treatment*  
**Renee Echols**, Executive V. Pres.  
Perma-Fix  
OPEN DISCUSSION
- 4:20 **New Developments and Looming Issues for Waste Transport**  
MODERATOR:  
**Dan Sullivan**, Federal Project Director  
DOE-West Valley  
**Brady Lester**  
Office of Transportation, DOE-EM  
*New Developments and Looming issues for Waste Transport.*  
**Dave Tolbert**  
EnergySolutions  
**Cavanaugh Mims**, President  
Visionary Solutions  
**Debra Markelonis**, Vice President  
Visionary Solutions  
OPEN DISCUSSION
- 5:15 **ADJOURN—COCKTAIL RECEPTION, ATOMIC TESTING MUSEUM**  
*Host: EM Publications & Forums*
- Friday, September 7**
- 7:00 **CONTINENTAL BREAKFAST**  
*Host: EM Publications & Forums*
- 8:00 **Recycling of Material Previously Utilized in Nuclear Applications**  
MODERATOR: **Martin Schneider**  
Editor-in-Chief, EM Publications  
Weapons Complex Monitor  
*DOE's Plans to Recycle Nickel*  
**Christine Gelles**, Director Office of Disposal Operations U.S. DOE-EM  
*Recycling Plans at NNSA Facilities*  
**John Lehr**, Deputy Director  
Office of Environmental Projects and Installations, NNSA  
OPEN DISCUSSION
- 8:45 **Addressing Waste from the Restart/Renewal of Uranium Mining and Milling Operations**  
*NRC Activities to Accommodate the Hike in Uranium Recovery Operations*  
**Keith McConnell**, Deputy Director  
Decommissioning & Uranium Recovery Licensing, U.S. NRC  
*Update on Uranium Mining and Milling Operations*  
**David Frydenlund**, Vice President  
Regulatory Affairs & Counsel  
Denison Mines USA Corp  
**Leonard Slosky**, Executive Director  
Rocky Mountain Compact  
*(Additional Speakers from Mining Companies, State Regulators from Utah and Colorado)*
- 9:35 **Alternatives for NORM & NARM Waste Classes**  
**Phil Retallick**, Senior Vice President  
Compliance and Regulatory Affairs  
Clean Harbors  
**Leonard Slosky**, Executive Director  
Rocky Mountain Compact  
OPEN DISCUSSION
- 10:15 **COFFEE BREAK**  
*Host: EM Publications & Forums*
- 10:30 **The Challenges of Transuranic Waste**  
MODERATOR: **Dee Markelonis**  
Vice President, Visionary Solutions  
*The Waste Isolation Pilot Plant—A Long-Term Capacity Outlook*  
**Vernon Daub**, Associate Manager  
Operations, Carlsbad Field Office  
U.S. DOE  
*The Department of Energy's National TRU Program*  
**Alton Harris**  
U.S. DOE-EM  
*DOE Moves Forward (?) on Providing GTCC Disposal Capacity*  
**James Joyce**  
U.S. DOE-EM  
OPEN DISCUSSION
- 11:30 **The Nuclear Renaissance—New Waste Streams, a Vast Increase in LLRW Volume & Curies with No Place to Go**  
MODERATOR: **Rebecca Cooper**  
Reporter, EM Publications  
Nuclear Fuel Cycle Monitor  
*Waste Streams from the Global Nuclear Energy Partnership*  
**Mark Peters**, Deputy  
to the Associate Laboratory  
Director of Applied Science and Technology, Argonne National Laboratory  
OPEN DISCUSSION
- 12:15 **ADJOURN**

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# AN OPPORTUNITY FOR VENDORS...

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## Showcase Your Company's Services, Products, and Technologies by joining the *The First Annual RadWaste Summit*

The RadWaste Summit will attract participants representing key federal agencies (DOE, NRC, EPA), industry, academia, national laboratories, state and local governments and public interest groups.

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

**Participation:** Conference exhibitors will be limited.

**Dates and Times:** The Exhibit schedule will revolve around many of the catered functions and will provide ample opportunities for one-on-one discussions with Conference participants.

**What to Do:** **Reserve space now** for the Exhibit by faxing the form below. For more information contact the Conference Coordination Office at: 202-296-2814 ext. 102.

**Costs:** **ALL FEES INCLUDE ONE COMPLIMENTARY REGISTRATION FOR CONFERENCE.**

<b>Exhibit:</b>	<b>VERY SMALL COMPANIES</b> (30 or Fewer Employees) \$1,295	<b>SMALL COMPANIES</b> (31-100 Employees) \$1,595	<b>LARGE COMPANIES</b> (Over 100 Employees) \$1,995
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### RESERVATION FORM

Please reserve space for my company  
(Indicate method of payment on Form)

**Reserve Space NOW!**  
Fax this form and Conference Registration form to: 865-966-7231

Name \_\_\_\_\_

Title/Position \_\_\_\_\_

Company/Affiliation \_\_\_\_\_

Address \_\_\_\_\_ Mail Code \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**Method of Payment:** \_\_\_ Bill Me (PO No.: \_\_\_\_\_)

Charge My: \_\_\_ VISA \_\_\_ MASTERCARD \_\_\_ AMEX (Billing Zip Code \_\_\_\_\_)

Card No.: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

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We will exhibit on the following product(s) and/or service(s):  
\_\_\_\_\_  
\_\_\_\_\_

# ACCOMMODATIONS

Rates to attend this summit at **JW Marriott, Las Vegas Resort & Spa at Summerlin** are **\$175.00 for single and double occupancy. Government rates are available at \$112.00 for single and double occupancy.** Triple and Quad. rooms are also available. These rates do not include a daily hotel services fee, along with applicable city and state taxes (which are currently 9.0%). **If you are a government employee, you must have a government identification card.**

**To make reservations, call JW Marriott, Las Vegas Resort & Spa at Summerlin at 1-800-297-5056. Identify yourself as a Low Level Summit Attendee. We recommend getting your reservations EARLY to secure a guest room.**

# THE FIRST ANNUAL RADWASTE SUMMIT

## 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 USD.

Estimated taxi fare: 50.0 USD (one way).

## JW MARRIOTT LAS VEGAS RESORT & SPA

The JW Marriott Las Vegas Resort is a 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 relax at our world-class 40,000 sq foot Aquae Sulis Spa, enjoy a round of golf or visit the nearby Red Rock Canyon which provides breathtaking hikes, mountain climbing or biking opportunities

**Registration and the Exhibit open at 3:00 p.m. Tuesday, Sept. 4 followed by a Reception/Dinner at 6:00 p.m. The opening Plenary is at 8:00 a.m., Wednesday, Sept. 5. The Forum ends at noon, Friday, Sept. 7.**

## REGISTRATION FORM

### FIRST ANNUAL RADWASTE SUMMIT September 4-7, 2007

**Registration Fees:** CIRCLE ONE  
Federal Employees (non-speakers): ..... \$425.00  
State & Local Government Officials,  
NGO Representatives: ..... \$425.00  
*[A limited number of complimentary registrations are available, please contact Cheryl Joe at forums@exchangemonitor.com.]*  
General Admission ..... \$795.00  
**(includes Federal Contractors)**  
**(add \$100 to Non federal registration after August 3)**  
**(Special Discounted Fees for Multiple Registrations)**

*(Reduced fees available to medical institutions, academia and electric utility LLRW generators. Contact the Forums Office)*

*(Registration includes: three continental breakfasts, two lunches, three receptions, one dinner, a copy of the Briefing Book and conference proceedings.)*

**Return this form and payment to:** EXCHANGE MONITOR PUBLICATIONS & FORUMS, c/o Cheryl Joe, 12435 Early Road, Knoxville, TN 37922 or Fax: 865-966-7231. Tel:1-877-303-7367 ext. 109.

**Payment Policy:** Anyone who registers and cancels or fails to attend is subject to cancellation policy. **Cancellation Policy:** There is a \$200.00 service charge on cancellations after , **July 30, 2007.** No refunds will be made after **August 20, 2007,** but substitutions are welcome.

\_\_\_ I am bringing \_\_\_\_\_ guests\* to all social events at \$200.00 per guest.

Please list name(s) \_\_\_\_\_

I am interested in a site visit to a DOE facility in Nevada *(Site visit would be planned for Tuesday, Sept. 4 departing around noon.)*

Name \_\_\_\_\_

Title \_\_\_\_\_

Affiliation \_\_\_\_\_

Address \_\_\_\_\_ Mail Code \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail address \_\_\_\_\_

\_\_\_ Check is enclosed      \_\_\_ Bill Me (PO No.: \_\_\_\_\_)

\_\_\_ Charge My:    \_\_\_ VISA    \_\_\_ MASTERCARD    \_\_\_ AMERICAN EXPRESS  
*(DINERS AND DISCOVER NOT ACCEPTED)*

Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Cardholder Name \_\_\_\_\_

\*Guests are defined as spouses and significant others. NOT BUSINESS ASSOCIATES.