

OCT 11 1994

ALL LLW HOST STATES (CALIFORNIA, CONNECTICUT, ILLINOIS, MASSACHUSETTS, NEBRASKA, NEVADA, NEW JERSEY, NEW YORK, NORTH CAROLINA, OHIO, PENNSYLVANIA, SOUTH CAROLINA, TEXAS, UTAH AND WASHINGTON)

TRANSMITTAL OF STATE AGREEMENTS PROGRAM INFORMATION (SP-94-143)

Your attention is invited to the attached correspondence which contains:

- INCIDENT AND EVENT INFORMATION.....
- PROGRAM MANAGEMENT INFORMATION.....XX
- TRAINING COURSE INFORMATION.....
- TECHNICAL INFORMATION.....
- OTHER INFORMATION.....

Supplementary information: The Low-Level Radioactive Waste (LLW) Performance Assessment Workshop is scheduled for November 16-17, 1994, in Rockville, Maryland. The topic is NRC's Draft Branch Technical Position (BTP) on Performance Assessment for LLW Disposal Facilities and Development of NRC's Test Case Simulations. A tentative agenda is enclosed.

The Office of State Programs will fund invitational travel for two persons from each State. Enclosed are instructions for making hotel and airline reservations.

The staff and organizers are looking forward to an informative and productive workshop.

If you have any questions regarding this correspondence, please contact me or the individual named below.

POINT OF CONTACT: Stephen Salomon
 TELEPHONE: (301) 504-2368
 FAX: (301) 504-3502
 INTERNET: SNS@NRC.GOV

9410140027 941011
 PDR STPRG ESGGEN
 PDR

/s/
 Paul H. Lohaus, Deputy Director
 Office of State Programs

Enclosures:
As stated

Distribution:

DIR RF	RBangart
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NEisenberg	MFederline
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RSAOs	PDR YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

DCD (SP01) *1/1*

OFC	OSP <i>SNS</i>	PAHB:BC	OSP:DD <i>[Signature]</i>		
NME	SSalomon:gd	MFederline	PLohaus <i>[Signature]</i>		
DTE	10/7/94	10/11/94	10/7/94		

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

October 11, 1994

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A handwritten signature in cursive script that reads "Paul H. Lohaus".

Paul H. Lohaus, Deputy Director
Office of State Programs

Enclosures:
As stated

LLW PERFORMANCE ASSESSMENT WORKSHOP

The Low-Level Radioactive Waste (LLW) Performance Assessment Workshop is scheduled for November 16-17, 1994, in Rockville, Maryland. The topic is NRC's Draft Branch Technical Position (BTP) on Performance Assessment for LLW Disposal Facilities and Development of NRC's Test Case Simulations. The workshop is jointly sponsored by the Division of Waste Management and Office of State Programs in cooperation with the Host State Technical Coordinating Committee and the E-5 Committee of the Conference of Radiation Control Program Directors. Participants include State regulators, State authorities and developers, the Environmental Protection Agency and the U.S. Department of Energy. Members of the public attending will have the opportunity to offer comments and participate in discussions. A tentative agenda is attached. To achieve a more successful workshop, participants are encouraged to read the BTP before attending the workshop. Copies can be obtained from Dr. Salomon.

The workshop will take place at the NRC Auditorium, 11545 Rockville Pike, Rockville, MD. The workshop will begin at 8:00 am, Wednesday, November 16 and end at 4:30 pm on Thursday, November 17.

A block of rooms are reserved for workshop participants at the Ramada Inn Rockville, 1775 Rockville Pike, Rockville, MD 20852. The rate for a single is \$88 and a double is \$94. Tax is an additional 12 percent. Participants will be reimbursed for the cost of lodging plus \$38 for subsistence expenses. A voucher form will be provided at the workshop.

Make your room reservations by calling the Hotel's telephone reservation numbers 301/881-2300 or 800/255-1775 or FAX 301/881-9047. When making the reservation, identify yourself as a participant of the NRC-LLW Performance Assessment Workshop (GROUP #4090). The cutoff date for room reservations is November 2.

If you are going to travel by air, determine the airline flights you want to use, then call the NRC Travel Service Contractor, Carlson Travel Network at 1-800-248-0038 or 202/554-1850 to order tickets. Do not purchase your own plane tickets.

If you travel by car, you will be reimbursed at a rate of 25 cents per mile, with the total transportation reimbursement not to exceed the minimum airfare.

Please let us know how many people from your State will be in attendance and fill out the Preliminary Registration form that is attached. If you have any problems with your travel arrangements, please call Brenda Hill at 301/504-2348.

Attachments:
Tentative Agenda
Preliminary Registration

TENTATIVE AGENDA (October 7, 1994)

LLW PERFORMANCE ASSESSMENT WORKSHOP FOR NOVEMBER 16-17, 1994
U.S. NUCLEAR REGULATORY COMMISSION, AUDITORIUM
11545 ROCKVILLE PIKE, ROCKVILLE, MD

OBJECTIVE:

To achieve a better understanding of approaches and positions in NRC's Draft Branch Technical Position (BTP) through discussions of regulatory and technical issues
To enhance comprehension of technical issues in LLW Performance Assessment (PA) modeling

Wednesday, November 16, 1994

- 8:00 - 9:00am Purposes and Goals of LLW PA Workshop
- ◆ Opening Remarks
 - ◆ Overview of LLWPA Strategy and Program {Federline}
 - ◆ Meeting Structure and Format & Introduction of PAWG {Campbell}
- 9:00 - 9:40am Overview of Branch Technical Position on Performance Assessment for LLW Disposal Facilities {Campbell}
- ◆ Objectives and guidance needs
 - ◆ Overall process for PA
 - ◆ Overview of regulatory issues
 - ◆ Schedule for BTP and public comment
- 9:40 - 10:00am Open Discussion of Iterative PA Process
- 10:00 - 10:15am BREAK
- 10:15 - 10:40am Overview of PA Modeling Technical Issues and Recommended Analytical Approaches {Ross}
- ◆ Technical Issues and Recommended Approaches
 - ◆ Compatibility and Integration of Sub-models
 - ◆ Model Confidence Building
- 10:40 - 11:00am Open Discussion of Technical Issues
- 1:00 - 12:00n Environmental Protection Agency draft LLW Standard, 40 CFR 193 {Weinstock}

DRAFT Agenda for LLW PA Workshop (cont.)

Wednesday, November 16, 1994

- 12:00 - 1:30pm LUNCH
- 1:30 - 2:00pm Overview of Comments on Preliminary draft of BTP and Revisions
 {Campbell, Kane, McCartin, Ross}
- 2:00 - 3:00pm Discussions of Regulatory and Technical Issues in LLW PA
 {Short presentation on each topic by NRC staff followed by open
 discussion among NRC staff, panel of State regulators and
 developers, and audience}
- ◆ Treatment of Engineered Barriers {Shewmaker}
 - ◆ Role of Site - Scenarios, Conceptual Models, and Data Needs {Ross}
 - ◆ Uncertainty/Sensitivity in Regulatory Decision Making {McCartin}
 - ◆ Timeframe for PA analysis {Campbell}
 - ◆ Role of Performance Assessment in demonstrating compliance
 {Campbell}
- 3:00 - 3:15 BREAK
- 3:15 - 4:30pm Panel Discussions of Regulatory and Technical Issues in LLW PA
 (continued)
 {additional topics may be included if time permits}
- 4:30pm Adjourn
- 5:30 - 6:30pm Informal Discussion Session (Sponsored by NLLWMP - Ramada Inn)
 {Ross, Asbell}

DRAFT Agenda for LLW PA Workshop (cont.)

Thursday, November 17, 1994

- 8:00 - 8:20 NLLWMP technical assistance and computer modeling capability
- 8:20-9:20am Overview of NRC Staff LLWPA Modeling Efforts {Cady, Campbell, McCartin, McKenney, Kane, Reed, Thaggard}
- ◆ Description of Test Case and Integrated Systems Model
 - ◆ Hardware/Software Requirements for LLWPA
 - ◆ Documenting Results
 - ◆ Test Case Results and Discussions of Important Conclusions
 - ◆ Lessons Learned from Test Case:
 - Interpretations of Uncertainty and Sensitivity Analyses
 - Source term issues and concerns with IMPACTS methodology
 - Dosimetry with ICRP 26/30 Methodology
 - Integrating different disciplines into a "PA Team"
- 9:20 - 9:45 PA Methodology Status Update {Kozak, SNL}
- 9:45 - 10:00 BREAK
- 10:00 - 10:30 Panel discussion with State regulators and developers
{Topics include Infiltration, Engineered Barriers, Source Term, Ground-Water Transport and Dosimetry}
- 10:30 - 11:30 DOE approach to LLW PA Modeling {Wood and others from DOE/PATT}
- 11:30 - 1:00pm LUNCH
- 1:00- 3:00pm Break out sessions on Key Technical Issues in Implementing the BTP
- ◆ Infiltration {Thaggard, Meyer-PNL} and Engineering {Shewmaker}
 - ◆ Source Term {Tim McCartin, Sullivan-BNL, Krupka-PNL, Yim-MIT}
 - ◆ Off site transport and dose [includes: Ground-Water/Surface-Water {Cady}; Dose {McKenney}; and Air Pathway {Reed}]
 - ◆ Aspects of computer modeling {Seitz}
- 3:00 - 3:15 BREAK
- 3:15 - 4:00 Reports of Breakout chairs on issues and approaches discussed
- 4:00 - 4:30pm Workshop Wrap Up, Conclusions, and Summary
- 4:30 Adjourn

LLW PERFORMANCE ASSESSMENT WORKSHOP

PRELIMINARY REGISTRATION

Please fax the following information to 301/504-3502, by 5:00 p.m. (EDT)
October 21, 1994:

DATES: November 16-17, 1994

TRAVEL: November 15 and 18, 1994

HOTEL: Ramada Inn Rockville, Rockville, Maryland

NAME: _____

SSN: _____

DEPARTURE CITY (AIRPORT): _____

DATE OF DEPARTURE (If not 11/15): _____

DATE OF RETURN (If not 11/18): _____

COST OF AIRFARE (FROM CARLSON TRAVEL) _____