



# Meeting Minutes

July 17, 2007



The Idaho National Laboratory (INL) Site Environmental Management (EM) Citizens Advisory Board (CAB) held its bi-monthly meeting on Tuesday, July 17, 2007 at the Red Lion Hotel, Idaho Falls. An audio recording of the meeting was made and may be reviewed by phoning Support Services at 208-227-1361.

### Members Present

John Bolliger, Vice Chair  
Richard Buxton, Co-Chair  
Doc DeTonancour  
Bill Flanery, Co-Chair  
R.D. Maynard  
Willie Preacher

Robert Rodriguez  
Fred Sica  
Doug Weir  
Bruce Wendle

### Members Absent

Damond Watkins  
Seth Beal

### Deputy Designated Federal Officer, Federal Coordinator, and Liaisons Present

Bill Leake acting for Richard Provencher, Deputy Designated Federal Officer, Department of Energy Idaho Operations Office (DOE-ID)  
Bob Pence, Federal Coordinator, DOE-ID  
Matt Wilkening acting for Nick Ceto, U.S. Environmental Protection Agency (EPA), Region 10  
Daryl Koch, State of Idaho  
Susan Burke, State of Idaho  
Jim French acting for Bill Johnson, Idaho Cleanup Project (ICP)

### Others Present

Lisa Aldrich, Support Services  
Lane Allgood, PST  
JoEtta Buckhouse, Sho-Ban Tribe  
Joel Case, DOE-ID  
Dan Coyne, ICP  
Brian Edgerton, DOE-ID  
Jim Floerke, ICP  
Ronald Gill, DOE-ID  
Bill Harker, DOE-ID  
Laura Hartman, NR-IBO  
Lisa Harvego, public  
Mike Heiser, ICP  
Gene Hicks, public  
Peggy Hinman, Northwind

Lori Isenberg, Support Services Facilitator  
Bruce LaRue, State of Idaho  
Tracy Leatham, Support Services  
Amy Lientz, ICP  
Richard Malloy, Tribal DOE  
Donald Macdonald, DOE-ID  
Scott Reno, ICP  
Rebecca Robbins, Energy Solutions  
Tami Sherwood, public  
Robin Shult, Energy Solutions  
Erik Simpson, ICP  
Steven Sorrell, DOE-ID  
JoAnna Stenzel, BEA  
John Tanner, Coalition 21

## ***Opening Remarks***

Co-chairman Dick Buxton welcomed everyone to the meeting and introduced Susan Burke from the State of Idaho who will be taking Kathleen Trever's place on the board. Mr. Leake provided brief updates from DOE and Mr. French introduced himself and provided updates from the ICP. Daryl Koch and Susan Burke provided State of Idaho updates. Matt Wilkening introduced himself and updated the group on EPA activities.

## ***Recent Public Involvement***

Mr. Leake summarized the EM public outreach handout.

## ***Progress to Cleanup***

Mr. Leake provided a status of the cleanup progress with active discussion among the CAB. The status included the Idaho Cleanup Project (ICP) scope, safety performance for CWI and Advanced Mixed Waste Treatment Project (AMWTP), the transuranic waste disposition project, low-level and mixed low-level waste project, AMWTP accomplishments, Waste Area Group (WAG) 7 Project, Idaho CERCLA Disposal Facility (ICDF), other Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) remediation projects, Pit 9 decontamination and decommissioning (D&D) completion, D&D Test Area North (TAN), D&D Reactor Technology Complex, D&D Power Burst Facility (PBF), D&D Idaho Nuclear Technology and Engineering Center (INTEC), Special Nuclear Materials Disposition Project, Integrated Waste Treatment Unit Project, INTEC Liquid Waste Facility closure project, Spent Nuclear Fuel Disposition Project, Idaho Spent Nuclear Fuel Dry Storage Project, and Calcine Disposition Project. Additionally, each topic detailed the project accomplishments and upcoming activities. The presentation concluded with key activities and completion dates for these projects.

Mr. Leake notified the CAB of upcoming items of potential interest including the WAG-7 public communication (late/early fall), BEA expression of interest in taking over CPP-651, FY08 Congressional language (House) on use of CPP-651 and for nuclear material consolidation, Notice of Interest for Disposal of Greater than Class C Waste, AMWTP procurement action (plan to award by April 30, 2008), and CWI workforce restructuring (per project baseline, anticipated reductions in FY08 due to work completions and skill mix adjustments).

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB.

## ***TRA-668 Red Phosphorous Fire Accident***

Ronald Gill explained the background of the project and provided details to the event.

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB.

## ***Materials Test Reactor Engineering Evaluation/Cost Analysis***

Bill Harker explained the Materials Test Reactor (MTR) background and provided photos of the MTR during its operational period and the test train being inserted into the reactor “beam hole.” He also showed a diagram of the cross-section view. Mr. Harker then presented the decommissioning approach and the removal action objectives. He then explained each alternative (1—no action, 2—grout the MTR vessel in place, 3—remove MTR vessel and dispose at ICDF), the alternative evaluation criteria (effectiveness, implementability, cost), and the evaluation summary (does it meet remedial action objectives and goals). The EE/CA recommendation is Alternative 3. Mr. Harker concluded photos of the ICDF proposed disposal site (and placement location) and the 2012 depiction of what the end state of the MTR.

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB. The CAB agreed that Alternative 3 is the best selection as stated in the EE/CA; however, they would have liked to see more evaluation and costs researched for Alternative 2.

## ***Test Range Environmental Assessment***

Donald Macdonald explained the INL security system capabilities and vulnerability assessments. He then discussed the explosive blast analysis. Mr. Macdonald described the projects present capabilities and shared/explained photos of tests completed to date. He concluded by explaining the analysis conducted in support of developing the new range.

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB.

## ***Notice of Intent for Greater-Than-Class C Waste***

Brian Edgerton defined greater-than-class C low-level waste (GTCC LLW) and explained where it is generated. He additionally described beneficial activities that create low-level waste (i.e., medical research). Mr. Edgerton explained how GTCC LLW is regulated, the categories (Class A, B, C), inventories, legislative drivers, and who is responsible for disposal. He explained the scope of the advance notice of intent and the potential alternatives. The notice of intent is likely to be published in July 2007 and then public scoping meetings will commence at the potential locations.

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB.

## ***Integrated Waste Treatment Unit (IWTU)***

Joel Case briefed the CAB on the Sodium-Bearing Waste Treatment Project. He explained the steam reforming process, the facility location, the project baseline plan, and current status. Mr. Case concluded with details on the facility future mission and D&D considerations.

## **Decisions/Disposition**

Presentation satisfied the information need for the CAB.

## ***Public Comment***

John Tanner, Coalition 21, provided public comment.

## ***Announcements and Other Board Business***

The next meeting will be held September 18–19, 2007 (retreat September 17) at the Snow King Resort, Jackson, WY. The following dates and locations are planned for the remainder of 2007.

November 6-7

Idaho Falls, AmeriTel Inn

## ***CAB Work Session***

The board reviewed the proposed recommendation for the MTR EE/CA and voted unanimously to approve it.

The CAB suggested topics for discussion for the September meeting.

- Comment on Notice of Intent for greater-than-class C
- After action report on the Engineering Test Reactor (Nov.)
- WIPP presentation
- Remote-handled waste building
- Update on written incident report for the phosphorous accidents (Rick's status)
- WAG 7 closure plan
- OU 10-04 work plan
- OU 10-08 RI/FS groundwater monitoring plan
- 107 B
- V9 tank
- Membership (during retreat).

The CAB agreed that separate committee meetings were not needed to work these subjects, but a few calls will be scheduled towards the end of August for updates and planning.

## ***Action Items***

1. Bob Pence will contact the WIPP presenter from the March chairs meeting and will make arrangements for a presentation at the September meeting.
2. Lori Isenberg will develop a draft retreat agenda.

Members provided written feedback forms to support services at the conclusion of the meeting.

Attachments (8) to these minutes are available on request from the INL Site EM CAB support office.

I certify that these minutes are an accurate account of the July 17, 2007, meeting of the Idaho National Laboratory Site Environmental Management Citizens Advisory Board.



Richard L. Buxton, Co-Chair  
Idaho National Laboratory Site Environmental Management Citizens Advisory Board  
RLB/lja

August 17, 2007