



Meeting Minutes

May 15–16, 2007



The Idaho National Laboratory (INL) Site Environmental Management (EM) Citizens Advisory Board (CAB) held its bi-monthly meeting on Tuesday, May 22, 2007, and Wednesday, May 23, 2007, at the AmeriTel Inn, Idaho Falls. An audio recording of the meeting was made and may be reviewed by phoning Support Services at 208-227-1361.

Members Present

Seth Beal
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

Deputy Designated Federal Officer, Federal Coordinator, and Liaisons Present

Richard Provencher, Deputy Designated Federal Officer, Department of Energy Idaho Operations Office (DOE-ID)
Bob Pence, Federal Coordinator, DOE-ID
Nick Ceto, U.S. Environmental Protection Agency (EPA), Region 10
Mark Clough (for Daryl Koch), State of Idaho
Robert Ioti and William Johnson, Idaho Cleanup Project (ICP)

Others Present

Lisa Aldrich, Support Services
Lane Allgood, PST
Beatrice Brailsford, Snake River Alliance
Allen Cain, Energy Solutions
Jim Cooper, DOE-ID
Dan Coyne, ICP
Bruce Culp
Brian Edgerton, DOE-ID
Jim Floerke, ICP
Bruce Gregory, ICP
Gaylon Hanson, public
Bill Harker, DOE-ID
Laura Hartman, NR-IBO
Garth Hassel, SEC

Mike Heiser, ICP
Lori Isenberg, Support Services Facilitator
Darin Johnson, Energy Solutions
Bruce LaRue, State of Idaho
Tracy Leatham, Support Services
Amy Lientz, ICP
Keith Lockie, DOE-ID
Richard Malloy, Tribal DOE
Scott Raish, AMWTP
Rebecca Robbins, Energy Solutions
Dean Shanklin, ICP
Erik Simpson, ICP
Steven Sorrell, DOE-ID
Michael Swenson, ICP

Opening Remarks

Co-chairman Bill Flanery welcomed everyone to the meeting and then invited Richard Provencher (DDFO) and the liaisons to give any opening remarks. Mr. Provencher provided brief updates from DOE and Mr. Ioti provided updates from the ICP. Mark Clough provided State of Idaho updates. Nick Ceto updated the group on EPA activities including the upcoming award of the Technical Assistance Grant.

Recent Public Involvement

Mr. Provencher summarized the EM public outreach handout.

Progress to Cleanup

Mr. Provencher 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 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), 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. Provencher notified the CAB of upcoming items of potential interest including the DOE Notice of Intent (NOI) to prepare a draft Environmental Impact Statement on greater-than-class C waste, which is expected by July 2007. Additionally, he thanked the CAB and their efforts for helping them obtain full funding for Fiscal Year 2007. Fiscal Year 2008 budget is still under Congressional review and Fiscal Year 2009 budget is still being worked within DOE. Other items coming up are the AMWTP (award new contract prior to May 2008) procurement process and the CWI workforce restructuring (up to 30 personnel in May and evaluation skill mix in Fiscal Year 2008). There is also a possibility that the Materials Test Reactor (MTR) Engineering Evaluation/Cost Analysis (EE/CA) will be released sometime in July.

Decisions/Disposition

Presentation satisfied the information need for the CAB. However, John Bolliger would like to understand better the final disposition for the Integrated Waste Treatment Unit (IWTU). He questioned whether it is being built with the foresight to have additional uses after it completes its primary function. Seth Beal would like a status about the Global Nuclear Energy Partnership (GNEP) and how it will work with EM to learn about and prevent the types of cleanup issues we currently have.

History of Reprocessing

Keith Lockie provided a historical review of spent fuel reprocessing at INTEC. He explained how fuel was managed, what makes the fuel "spent", and fuel elements and how they look. He then detailed the fuel reprocessing activities that took place, the reprocessing waste generated, and where they were stored at the Tank Farm. He concluded with the tank waste disposition and the mission success of recovering the uranium at INTEC.

Decisions/Disposition

Presentation satisfied the information need for the CAB. Members commented that this helped them better understand the historical information behind the cleanup issues and the successful solutions EM has employed.

Idaho Cleanup Project Contractor Management of Employee Risk

Jim Floerke provided a general explanation of the D&D work scope and the hazards each project is faced with. He then detailed the contractors approach to safety explaining several site level programs and D&D organizational approaches that are employed on site. Mr. Floerke showed how the work force is involved in all aspects of safety and programs used to externally verify their safety performance. He then explained some graphs showing performance indicators and exposure statistics. Mr. Floerke concluded with the successful results to date with zero recordable injuries at TAN and worker exposure reductions at PBF and Engineering Test Reactor (ETR).

Decisions/Disposition

Presentation satisfied the information need for the CAB. Members commented that this is exactly what they have asked for (dose rates) and would like to be kept apprised of this type of information as it is available.

Power Burst Facility Engineering Evaluation/Cost Analysis

Bill Harker started with a brief history of PBF. He showed a view of the current status today, a cross-section view, and a picture of the vessel delivered and installed in 1970. He then explained the decommission approach, which is a CERCLA non-time critical removal action. Mr. Harker detailed the objectives and then the alternative proposed for this project. He concluded with the evaluation criteria for the alternatives and explained why the recommended alternative 3 (remove PBF vessel and dispose at ICDF) is the DOE recommended alternative.

Decisions/Disposition

Presentation satisfied the information need for the CAB. Members voted to prepare a recommendation to DOE on this EE/CA with Willie Preacher heading up the worker safety points of view and Doug Weir heading up the cost views.

Engineering Test Reactor Decontamination and Decommissioning Update

Bill Harker showed and explained several pictures of the ETR Complex D&D progress. These pictures included location of the ETR Complex, TRA-643 compressor building demo (processors working together and loading debris), TRA-644 heat exchanger building demolition (heavy jack hammer work and the concrete/rebar rubble pile), TRA-648 electrical building demolition (debris sizing), and the ETR main floor (prior to deactivation work and preparations for grouting vessel internals, vessel grouting, engineers monitoring grout placement, vessel internals pre-grout and post-grout). He concluded with some historical photos of the vessel delivery and installation in 1956, the ICDF disposal site and location of the ETR vessel within it, end state depictions, and the D&D crew performing the work.

Decisions/Disposition

Presentation satisfied the information need for the CAB. Members commented that they appreciated the visualizations of work being performed.

Operable Unit 3-14 Update (Tank Farm Soils)

Nicole Hernandez explained the basis for action and the general history generated by this need for action. She then explained the rationale and provided details for each step of the selected remedy, alternative 2b (institutional

controls, monitoring, containment/infiltration measures, and additional recharge controls). She concluded with the upcoming schedule for the project.

Decisions/Disposition

Presentation satisfied the information need for the CAB. However, discussion generated some questions regarding an environmental assessment (EA) that proposed a test range at the INL and how it would impact contaminated soil and groundwater. Mr. Pence obtained the EA for the board to review the research and findings. DOE agreed to have someone at the next meeting to help answer some of the CAB's questions.

Contractor Introduction and Pit 9 Decontamination and Decommissioning Project Overview

Doug Jorgesen, from Northwind, explained their corporate profile and core capabilities. He then gave a project overview of Pit 9 dismantlement and disposal including the project accomplishments to date. Mr. Jorgesen talked about the schedule to date, challenges, and plan for completion this summer.

Decisions/Disposition

Presentation satisfied the information need for the CAB.

EMSSAB Spring Chairs Meeting Briefing

Bill Flanery, Dick Buxton, John Bolliger, Willie Preacher, and Doug Weir shared their experiences from the chairs meeting held in Las Vegas in March including the very informative tour they were able to participate in of the Nevada Test Site.

Public Comment

Galen Hanson commented about the HAZWOPPER training being dropped from the classroom to computer-based training. He added that the union would like to see it back as classroom training to achieve a higher-level of safety awareness.

Lane Allgood from the Partnership for Science and Technology commented about the Technical Assistance Grant being awarded by the EPA and how that money would be used by the groups that submitted to receive the grant. (Note: correspondence letters were provided by Nick Ceto)

Announcements and Other Board Business

Kathleen Trever has resigned from the State of Idaho. The CAB is awaiting State appointment for her replacement.

The next meeting will be held July 17-18, 2007 at the Red Lion Hotel, Idaho Falls with a tour planned for July 16th. The following dates and locations are planned for the remainder of 2007.

September 18-19 (retreat on the 17 th)	Jackson, WY, Snow King Resort
November 6-7	Idaho Falls, Red Lion Hotel

CAB Work Session

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

The board reviewed the procedures and voted unanimously to approve them. They expressed gratitude to Mr. Provencher and Mr. Pence for working so hard with the board to reach agreement and compliance.

The CAB suggested topics for discussion on the next committee call agenda. The topics were divided among committees as follows.

Membership Committee—membership recruitment plan, demographic overview.

Strategic—review draft-final groundwater tour for July, MTR EE/CA.

CC INTEC Committee—IWTU D&D future and reuse of facility

CC RWMC Committee—NOI for greater-than-class C waste, test range EA/FONSI.

*Tentatively plan the WAG 7 closure plan, OU 10-04 work plan, and OU 10-08 RI/FS groundwater monitoring plan for the September meeting.

Action Items

1. Bob Pence will provide copies of the Test Range EA/FONSI (copies were provided by the conclusion of the meeting).
2. Support services will finalize and distribute recommendation #132.
3. Support services will finalize and distribute the procedures once final approval has been received from DOE-Headquarters.
4. Support services will research options and prepare a recruitment plan with Mr. Pence to provide to the membership committee for review on their next committee call.
5. DOE will provide a draft-final agenda of the July tour to the Strategic Issues committee prior to their next planned committee call.

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

Attachments (9) 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 May 22–23, 2007, meeting of the Idaho National Laboratory Site Environmental Management Citizens Advisory Board.



William S. Flanery, Co-Chair
Idaho National Laboratory Site Environmental Management Citizens Advisory Board
WSF/lja

June 18, 2007