

NAS Committee on Development and Implementation of a Cleanup Technology Roadmap Fourth Meeting: October 31-November 2, 2007

Hanford Site Richland, WA

Wednesday, October 31, 2007

Red Lion Hanford House
802 George Washington Way
Richland, WA
509-946-7611

OPEN SESSION

8:30-9:00 am Welcome and Introductions Ed Przybylowicz, Committee Chair
David Brockman, Manager, Department of Energy-Richland Ops Office
Shirley Olinger, Acting Manager, Department of Energy-Office of River Protection
Mike Weis, Manager, Department of Energy-Pacific Northwest Site Office
Mike Kluse, Director-Pacific Northwest National Laboratory
Attendees Introduction

9:00-9:30 am Hanford Operations Overview Roy Gephart, PNNL, John Morse, DOE
9:30-10:00 am PNNL Overview Mike Davis, PNNL, Terry Walton, PNNL

10:00-10:15 am Break

10:15-12:00 pm Hanford HLW Program – Challenges to Cleanup Jim Honeyman, CH2M HILL, Rick Brouns/Walt Tamosaitis, Bechtel-Waste Treatment Plant, Tom Brouns, PNNL

12:00-1:00 pm Lunch

1:00-2:30 pm Groundwater Program - Challenges to Cleanup Mike Thompson, DOE-RL
Bruce Ford, Fluor Hanford, Terri Stewart, PNNL

2:30-2:45 pm Break

2:45-3:45 pm Facility D&D – Challenges to Cleanup Andy Schmidt, PNNL
3:45-4:45 pm Invited Presentations from regulators and citizens
4:45-5:00 pm Summary and Tour Preparation
5:00 pm Adjourn

Thursday, November 1, 2007

7:00 am Bus Tours of PNNL, HLW Tank Mock-up, 300 Area, 618-10,11 burial ground
9:45-10:45 am Waste Treatment Plant
10:45-11:45 am “Desert Navy”, Hanford Cap Stop, Tank Farm Overview, Waste

Encapsulation Facility Sr/Cs capsules, TRU retrieval areas, Resource Conservation and

11:45-12:30 pm Lunch at 200 Area briefing on Supplemental Tank Waste Processing

12:30 pm Tour Separates into Two Groups

Group 1: Waste Processing and Facility D&D

12:30-1:45 pm Facility D&D

1:45 – 2:05 pm Travel to PNNL (300 Area)

2:05-3:20 pm Radiochemical Processing Laboratory (RPL) (includes 10 minute break)

3:20-4:05 pm Travel to Applied Process Engineering Laboratory (APEL)

4:05-4:25 pm Travel to Process Development Laboratory West (PDL-W)

4:25-4:35 pm Travel to Environmental Molecular Sciences Laboratory (EMSL)

Group 2: Subsurface/Soil & Groundwater

12:30-1:45 pm Soil and Groundwater Remediation

1:45-2:15 pm Travel to PNNL (300 Area)

2:15-3:30 pm Radiochemical Processing Laboratory (RPL) (includes 10 minute break)

3:30-4:25 pm Travel to 331 Past Integrated Subsurface Field Research Challenge Site

4:25-4:35 pm Travel to Environmental Molecular Sciences Laboratory (EMSL)

4:35-5:15 pm Two groups reunite at EMSL

5:15-5:30 pm PNNL Wrap-Up

5:30 pm Adjourn

Friday, November 2, 2007

OPEN SESSION

8:30-9:30 am Department of Energy-Environmental Management's (DOE-EM) needs for the committee's Interim and Final Reports: Content, timing, and impacts

Mark Gilbertson, Deputy Assistant Secretary, DOE-EM

9:30-10:00 am Science and Technology (S&T) Challenges for Deep Groundwater Monitoring: Lessons learned from the National Academies' Los Alamos National

Laboratory (LANL) groundwater committee

Chris Murphy (PNNL),

Tony Knepp (YAHSGS)

10:00-10:15 am Break

10:15-11:30 am S&T Needs Roundtable DOE, Contractors, PNNL

11:30-12:00 pm Summary Comments/Questions

12:00 pm Adjourn

CLOSED SESSION

1:00-1:30 pm Interim Report: What messages does the committee need to send EM

1:30-3:30 pm Interim Report: The Logistics

3:30-4:15 pm Site information summaries (Appendixes) for final report

4:15-4:45 pm Committee Discussion of Spring Meeting in DC

4:45-5:00 pm Summary and Close Out

5:00 pm Adjourn