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Meeting Minutes Transmittal

CENTRAL WASTE COMPLEX
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

September 29, 1993
10:00 a.m. to 12:00 p.m.

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

RC Bowman for Date: 1/5/94
Clifford E. Clark, Unit Manager, RL
(Represented by Roger C. Bowman, WHC)

Daniel L. Duncan Date: 12/13/93
Daniel L. Duncan, RCRA Program Manager, EPA Region 10

Casy O. Ruud Date: 12/8/93
Casy O. Ruud, Unit Manager, Washington State Department of Ecology

Hanford Central Waste Complex-Radioactive Mixed Waste Storage Facility,
WHC Concurrence

Richard D. Pierce for Date: 12/9/93
Richard D. Pierce, Contractor Representative, WHC
(Represented by Barbara Broomfield, WHC)

Purpose: Discuss Permitting Process

- Meeting Minutes are attached. The minutes are comprised of the following:
- Attachment 1 - Agenda
 - Attachment 2 - Summary of Discussion and Commitments/Agreements
 - Attachment 3 - Attendance List
 - Attachment 4 - Action Items
 - Attachment 5 - Schedule Status for Project W-112 Enhanced Radioactive and Mixed Waste Storage
 - Attachment 6 - 183-H Basin Mixed Waste Analysis and Testing Program



9413095.2005

Attachment 1

AGENDA
UNIT MANAGERS MEETING
WEDNESDAY, SEPTEMBER 29, 1993
FEDERAL BUILDING
825 JADWIN AVENUE
ROOM 784B
RICHLAND, WASHINGTON
10:00 a.m. - 12:00 p.m.

CENTRAL WASTE COMPLEX

1. Approval of past UMM minutes (Ecology/RL/WHC)
2. Status of CWC Phase V schedule/design/construction (RL/WHC)
3. Status of CWC Dangerous Waste Permit Application (Ecology/RL/WHC)
4. Unit specific topics (Ecology/RL/WHC)
 - 183-H Basin Mixed Waste Analysis and Testing Program - Update
5. General discussion (Ecology/RL/WHC)
6. Action items (Ecology/RL/WHC)
 - Previous action items
 - Written approval from Ecology regarding use of the pH method (Mr. C. Ruud (Ecology) took the action to confer with Mr. Yokel regarding approval of this method)
 - New action items
7. Set next meeting date (Ecology/RL/WHC)
 - Tentative dates
 - Proposed topics

9413095-2006

Attachment 2

CENTRAL WASTE COMPLEX
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

September 29, 1993
10:00 a.m. to 12:00 p.m.

Summary of Discussion and Commitments/Agreements

1. Mr. B. M. Barnes (WHC) stated that the June and July 1993 Unit Managers' Meeting minutes were approved and issued. The August 1993 Unit Managers' Meeting minutes currently are being reviewed at this time.
2. Mr. Barnes distributed a handout on the status of the Phase V design and construction schedule (Attachment 5).
3. Mr. Barnes reported that the Central Waste Complex Dangerous Waste Permit Application currently is being revised.
4. Mr. J. L. Westcott (WHC) provided an update on the 183-H Basin Mixed Waste Analysis and Testing Program (Attachment 6). Mr. D. L. Duncan (EPA) inquired about WHC's rationale regarding sampling of the drums and boxes. Mr. Westcott stated that the drums and boxes would be selected as representative samples to characterize the waste, and that some of the tests to be performed will require a full-size drum or box. It was noted that the sample management will be performed at the 377 Building, which is an unpermitted unit; however, no treatment processes will be performed. A draft letter is being sent to Ecology providing the rationale for the drum and box sample management. Mr. Duncan requested that WHC send a copy of the letter to him also.

Mr. Barnes informed Ecology and the EPA that the formic acid procedure is proprietary information and cannot be sent to the regulators at this time. However, it is available for the regulators review at WHC.

5. Ms. J. Wallace (Ecology) made a request on behalf of Mr. C. O. Ruud (Ecology) for RL/WHC to give a presentation at the next Unit Managers' Meeting regarding the compatibility of the impervious floor coating with the hazardous and radionuclide waste in the CWC building as well as compliance with the dangerous waste regulations.
6. **Action item 8-26-93:1**, Ecology to provide written approval to RL/WHC regarding the formic acid procedure RL/WHC will use, was closed.

There were three new action items.

1. WHC to provide a presentation on the impervious floor covering with regard to hazardous and radionuclide waste.
2. The second action item is for Mr. Barnes to contact Ecology to obtain the status of the NOD response table with regard to the

9413095-2007

outstanding NODs. Mr. Barnes indicated there were 44 outstanding NODs, and Mr. Duncan noted that the majority of the NOD comments are being resolved through the ongoing facility-wide permit meetings being held. The tentative date for the Hanford Dangerous Waste Permit Application to be released for public comment is November 1, 1993, and at that time approximately half of the NOD comments should be resolved. Mr. Duncan also noted that the question of jurisdiction over radionuclides, which is an Ecology issue, is the primary remaining issue.

3. The third action item is for WHC to send Mr. Duncan a copy of the outstanding NODs.

7. The next Unit Managers Meeting is scheduled for October 28, 1993. Mr. Duncan requested a quick status at the next Unit Managers Meeting with regard to land disposal restriction (LDR) compliance for the waste stream coming from the C-018 Facility.

9413095-2000

Attachment 4

CENTRAL WASTE COMPLEX
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

September 29, 1993
10:00 a.m. to 12:00 p.m.

Action Items

Action Item #

Description

8-26-93:1

Ecology will provide written approval to RL/WHC regarding the formic acid procedure RL/WHC will use.

ACTION: C. O. Ruud (Ecology)

CLOSED

9-15-93:1

WHC will provide a presentation at the Unit Managers Meeting on the impervious floor coverings with regard to hazardous and radionuclide waste.

ACTION: B. J. Broomfield (WHC)

9-15-93:2

WHC will contact Ecology (C. Ruud) with regard to the NOD response table.

ACTION: B. M. Barnes (WHC)

9-15-93:3

WHC will transmit the outstanding NODs to EPA (D. L. Duncan).

ACTION: B. M. Barnes (WHC)

9413095.2010

Attachment 5

**CENTRAL WASTE COMPLEX
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington**

**September 29, 1993
10:00 a.m. to 12:00 p.m.**

**SCHEDULE STATUS FOR PROJECT W-112
ENHANCED RADIOACTIVE AND MIXED WASTE STORAGE**

1102-5608145

5
9-29-93
CWC

SCHEDULE STATUS FOR PROJECT W-112
ENHANCED RADIOACTIVE AND MIXED WASTE STORAGE - PHASE V

DESIGN

Advanced Conceptual Design Report

The specific ACDR studies are as follows:

- **Automated Guided Vehicles** - Study is complete and looked into AGV guidance systems, speed, and material flow optimization.
Draft AGV Study - Completed April 1993

- **Site Plan/Site Grade** - This will look into optimizing the layout of the Central Waste Complex facilities as well as the overall grading for the site.
Draft Site Plan - December 1993
Site Grade Study - Completed April 1993

- **Automated Inspection System** - This will explore the use of "machine vision" vs "human vision" technologies as well as the different types of transfer mechanisms.
 - Sensor Type
 - In-rack Transfer Mechanism
 - AGV Transfer
 - Pallet Design to Reduce Visual InterferenceDraft Automated Inspection System Study - Completed July 1993 (Market Survey of Existing Technology)

- **Phase V Controls** - This study will focus on the control systems required to operate the facility and the various interfaces between the WRAP facilities.

Phase V Controls - October 1993

The preliminary ACDR is to be completed and WHC approved by September 30, 1993. The Site Plan study may continue into FY 1994.

9413095-2012

Supplemental Design Requirements Document

The SDRD provides supplemental design requirements to the Functional Design Criteria document. This SDRD will primarily focus on the automated systems and the Phase V control integration requirements.

The first draft SDRD was delivered in December 1992. Additional SDRD input along with the comments from the first draft are currently being incorporated. The SDRD is scheduled to be issued for review by September 30, 1993.

9413095.2019

Attachment 6

CENTRAL WASTE COMPLEX
Unit Managers Meeting
Federal Building, Room 784B
Richland, Washington

September 29, 1993
10:00 a.m. to 12:00 p.m.

STATUS REPORT: SEPTEMBER UNIT MANAGERS MEETING
183-H BASIN MIXED WASTE ANALYSIS AND TESTING PROGRAM

9413095.2019

#13
02/15/03
CWC

STATUS REPORT: SEPTEMBER UNIT MANAGERS MEETING

183h Basin Mixed Waste Analysis and Testing Program

Program Goal:

Analyze and test 183h basin mixed waste to support treatment and permitting of WRAP Module 2A.

Program Status:

- o A letter is being sent to Ecology providing the rationale for drum and box sample management
- o 377 start of operations rescheduled for 10/29
- o Formic acid procedure is available for inspection at Westinghouse Hanford Company but cannot be sent to Ecology
- o Please provide in writing the acceptance of the soils pH protocol in lieu of the state protocol

ref. file: 183h09um

9413095.2015

Distribution:

M. D. Aichele	WHC	(T4-04)
J. M. Augustenborg	RL	(R3-80)
J. K. Bartz	MACTC	(A4-35)
L. E. Borneman	WHC	(B2-35)
R. C. Bowman	WHC	(H6-24)
B. J. Broomfield	WHC	(T3-04)
R. C. Brunke	WHC	(H6-23)
R. M. Carosino	RL	(A4-52)
C. E. Clark	RL	(A5-15)
D. W. Claussen	RL	(R3-80)
D. L. Duncan	EPA	(HW-106)
T. M. Greager	WHC	(G6-47)
R. J. Giroir	WHC	(T4-05)
R. F. Guercia	RL	(R3-80)
P. L. Hapke	WHC	(T4-05)
M. N. Jaraysi	Ecology	
P. J. Mackey	WHC	(B3-15)
M. M. McCarthy	WHC	(N3-13)
T. M. Michelena	Ecology	
R. D. Pierce	WHC	(T3-04)
D. B. Powell, Jr	WHC	(T4-03)
T. J. Powell	MACTC	(R3-82)
S. M. Price	WHC	(H6-23)
C. O. Ruud	Ecology	
R. W. Szelmeczka	WHC	(T4-06)
H. T. Tilden II	PNL	(P7-68)
J. J. Wallace	Ecology	
J. L. Westcott	WHC	(N3-13)

ADMINISTRATIVE RECORD: Central Waste Complex, TS-2-4 [Care of EPIC, WHC (H6-08)]

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Please send comments on distribution list to K. E. Knox, WHC (H6-24),
(509) 372-3596.

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