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Final

Meeting Minutes Transmittal/Approval
 Unit Manager's Meeting: 300-FF-1 Operable Unit
 740 Stevens Center, Room 1200, Richland, Washington
 November 17, 1993

FROM/APPROVAL: Robert G. McLeod Date Jan 19, 1994
 Robert G. McLeod, 300-FF-1 Unit Manager, RL (A5-19)

APPROVAL: David R. Einan Date 19 Jan 94
 David R. Einan, 300-FF-1 Unit Manager, EPA (B5-01)

APPROVAL: Ted Wooley Date Jan 19 1994
 Ted Wooley, 300-FF-1 Unit Manager, WA Department of Ecology

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
- Attachment #2 - Attendance List for 300-FF-1 and 300-FF-5
- Attachment #3 - Agenda for Meeting
- Attachment #4 - Action Items Status List
- Attachment #5 - 300-FF-1 Work Progress
- Attachment #6 - Draft Schedule for Vendor Test, November 15, 1993



PREPARED BY: Kay Kimmel Date 1-19-94
 Suzanne Clarke, Kay Kimmel, GSSC (B1-42)

CONCURRENCE BY: Larry C. Hulstrom Date 1/19/94
 Larry C. Hulstrom, WHC 300-FF-1 RI Coordinator (H6-03)

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Attachment #1

Meeting Summary

Unit Manager's Meeting: 300-FF-1 Operable Unit
November 17, 1993

1. **SIGNING OF THE SEPTEMBER 300-FF-1 MEETING MINUTES:**

September minutes were reviewed and signed with minor changes. Unit Managers agreed to cancel the October 1993 meeting due to a schedule conflict with the ER '93 Conference.

2. **ACTION ITEM UPDATE (See Attachment #4):**

No action items open.

3. **NEW ACTION ITEMS (INITIATED November 17, 1993):**

No new action items were initiated.

4. **STATUS OF RI/FS:**

- Status of RI/FS Activities - Larry Hulstrom provided the status of activities (see attachment #5).
- Soil Washing - Ron Belden provided the status of soil washing activities (see attachment #5). Since decontamination of the vendor equipment has become the recent focus of negotiations, WHC and ART have agreed that if the cost of decontamination is too high, WHC has the option to purchase the contaminated equipment. Even with all the difficulties encountered, RL believes this newest option with ART is the best path as it will provide useful scale up information, information which is not available using the EPA system. See attachment #6 for the draft schedule using the proposed soil washing equipment. Currently, the "green material" will be included in the vendor test. However, if the vendor test is not performed, the attrition scrubber will be added to the modified EPA system.
- Next Meeting - All parties agreed to postpone the December 1993 meeting until January 1994.

Attachment #2
 300-FF-1 and 300-FF-5
 Operable Unit Manager's Meeting
 Official Attendance Record
 November 17, 1993

Please print clearly and use black ink

PRINTED NAME

ORGANIZATION

O.U. ROLE

TELEPHONE

PRINTED NAME	ORGANIZATION	O.U. ROLE	TELEPHONE
L.C. Hulstrom	WHC	OU Coordinator	376-4034
RG McLeod	DOE	OU UM	372-0096
H.D. Doung	WHC	ER Program Office	376-0568
Phil Wesley	Ecology	OU M	736-3012
CHUCK CLINE	"	Hydrogeo Support	206-407-7135
Dave Einar	EPA	Unit Mgr	509-376-3883
Brian Drost	USGS	EPA Support	206-593-6510
William E. Lum II	USGS	EPA Support	206-593-6510
Evan Diesel	PNL	GW Surveillance	509-376-8341
Stuart P. Luttrell	PNL	GW Surveillance Project	509-376-6023
Diana Siekle	WHC	Program Support	(509) 372-3141
NANCY HZIEMBLA	Ecology	OU M	736-3014
James O. Knight	WHC	Soil Washing Procurement	376-0372
Jim G. Field	WHC	Soil Washing Treatability	376-3753
Jeff Phillips	Ecology	UM - 200 Areas	736-3011
Mary Barrett	Ecology	tech. assistance	736-3047
KAY KIMMEL	DAMES & MOORE	RL SUPPORT	946-3692
RON BELDEN	WHC	Soil Washing	372-1226

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UNIT MANAGER'S MEETING AGENDA
300-FF-1 OU
November 17, 1993
8:15 - 8:45 am
Room 1200, 740 Stevens Ctr.

Introduction:

Status:

Action Items

Phase I RI Report

Phase I/II FS Report

Phase II RI Activity - Soil Washing Treatability Test (R. Belden)

Phase II RI Report

Issues:

Other Topics:

Agreements and Commitments:

Presenter - Larry Hulstrom

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Commitments/Agreements Status List

300-FF-1 Operable Unit

November 17, 1993

Item No.	Action	Status
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NO OPEN ITEMS AT THIS TIME

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November 17, 1993

PHASE I REMEDIAL INVESTIGATION ACTIVITIES

Tasks 1 through 8 - Tasks completed.

Task 9 - PHASE I RI REPORT

Approval to issue the Phase I RI Report (DOE/RL-92-43) as Revision 0 was received from EPA on October 14. Final printing is underway.

PHASE I/II FEASIBILITY STUDY ACTIVITIES

Approval to issue the Phase I/II FS Report (DOE/RL-92-46) as Revision 0 was received from EPA on October 14. Final printing is underway.

PHASE II REMEDIAL INVESTIGATION ACTIVITIES

Soil Washing Treatability Test

In-House Test and Phase II RI Report

Data from the processing done in June and September has been received and has been used to prepare the Decisional Draft of the Phase II RI Report. The only soils data that has not been received at this time is the TCLP data for the sample taken during the September run.

The attrition scrubber arrived onsite the last week of October.

Water Treatment

Treatment of the soil washing process water began the first week of November. To date approximately half of the water has been processed by the system. The treatment consists of adding of a flocculant and a polymer to promote coagulation and a clarifier to allow the thickened mass to settle out. Samples of the influent and the effluent streams have been taken for analysis and initial results indicate that further treatment may not be needed.

The colder temperatures have caused some problems, but they have been minor and no significant obstacle. It does, however, emphasize the fact that there is not much time available to complete this work. An in-line filter has been added to the system just prior to the sludge entering the Low Specific Activity (LSA) boxes. The intent of the filter is to dewater the sludge as much as possible before putting them into the boxes.

The remainder of the water is expected to be processed this week. Hopefully, analytical data will be available soon to determine if any further treatment will be required.

The preliminary results of the water treatment will be included in the Phase II RI Report to the regulators.

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November 17, 1993

PHASE II REMEDIAL INVESTIGATION ACTIVITIES

Soil Washing Treatability Test - (continued)

Vendor Test

Extensive preparations have been made since the September UMM by both WHC and Alternative Remedial Technologies (ART) in anticipation of running the test during the first part of November. Some of these preparations included safety inspections, electrical inspections, health physics inspections, modifications to the plant as a result of these inspections, preparation of procedures, completion of training, security checks, badging, prescreening of 150 tons of raw feed material, discussions with PNL on lab space, and scheduling with support groups for various phases of work that need to be accomplished.

One of the problems that arose dealt with decontamination and release of the equipment. It appeared that WHC and ART were very close to an agreement to have Allied Technical Group (ATG) decontaminate the equipment at their facility in Richland which would have resolved this issue. ATG is a subcontractor to ART on this project.

On Monday afternoon, November 1, WHC was informed by ART that the owner of the soil washing plant that ART was going to lease would not allow the plant to be taken into the contaminated zone to perform the test. This was totally unexpected for both WHC and ART.

As a result, the vendor test will not be run as scheduled. ART is proposing the following alternative. ART has access to another plant which is owned by Heidemij, one of ART's parent companies (also a Dutch company). ART has offered to pay all expenses for two WHC technical personnel to fly to The Netherlands to inspect the plant to insure its adequacy to perform the test. ART would then mobilize this plant to the Hanford Site.

Considering the time required to get another plant mobilized and ready to perform the test, it is not possible that the test can be run before winter. The earliest it could be performed is in the spring of 1994. In order for this to happen, preparations must begin immediately. A copy of the proposed schedule is attached.

Phase II RI Report

The Decisional Draft of the report is currently being reviewed by WHC and DOE. Draft A will be submitted to the regulators by December 15, 1993, to meet TPA Milestone M-15-03B.

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DRAFT SCHEDULE FOR VENDOR TEST
NOVEMBER 15, 1993

DRAFT

Activity	Jan 94	Feb 94	Mar 94	Apr 94	May 94	Jun 94	Jul 94	Aug 94
MOB. & SETUP								
Equip. Arrives	█							
Setup to Run	█	█						
Procedures, HWOP, RWP	█	█						
ACTUAL TEST								
Run 300 tons			█					
Run 80 tons				█				
LAB ANALYSIS								
			█	█	█			
DATA VALIDATION								
				█	█	█		
REPORT								
Preparation of Draft A				█	█	█		
Review by WHC & DOE						█	█	
Comment Incorporation								█

Distribution

**Unit Manager's Meeting: 300-FF-1 Operable Unit
November 17, 1993**

Robert G. McLeod DOE-RL, ERD (A5-19)
Diane Clark DOE-RL (A5-55)
Lisa C. Treichel DOE-HQ (EM-442)

Chuck Cline WDOE (Lacey)
Ted Wooley WDOE (Kennewick)

Lynn Albin Washington Dept. of Health
Dave Einan EPA (B5-01)
Ward Staubit USGS

Audree DeAngeles PRC

Mel Adams (Please route to:) WHC (H6-01)
 George Henckel, WHC (H6-04)
 Rich Carlson, WHC (H6-03)

Ron Belden WHC (H6-03)
L.D. Arnold WHC (B2-35)
Diana Sickle WHC (H6-27)
Chris Widrig (Please route to:) PNL (K1-72)
 Wayne Martin PNL (K1-19)
 Mark Hanson PNL (K1-51)
 Roy Gephart PNL (K1-22)
 Steve Slate PNL (K1-19)
 Joan Keller PNL (K1-21)
 Ben Johnson PNL (K1-78)

Original Sent To: ADMINISTRATIVE RECORD: 300-FF-1; Care of EPIC, WHC (H6-08)



Please inform Suzanne E. Clarke (946-3690) or Kay Kimmel (946-3692), Mactec/Dames & Moore (MSIN B1-42) of deletions or additions to the distribution list.

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