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100-HR-1

October 15, 1991

Meeting Minutes Transmittal/Approval
100 Area Schedule Integration Meeting
1100 Jadwin Ave., Room 532
Richland, Washington
September 26, 1991

0015389

From/ Appvl.: James Goodenough Date: 1/23/92
 Jim Goodenough, DOE-RL (A5-19)

Appvl.: Charles S. Clinch for LG Date: 1/23/92
 Larry Goldstein, 100-HR-1/BC-1/BC-5/NR-1/KR-1 Unit Manager, WA
 Department of Ecology

Appvl.: Douglas R. Sherwood Date: 1/22/92
 Douglas R. Sherwood, 100-HR-1/HR-3/DR-1/BC-1/BC-5 Unit Manager,
 EPA (B5-01)

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

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
- Attachment #2 - Attendance List
- Attachment #3 - Agreement Activity Notifications for 100-HR-3 and 100-DR-1

Prepared by: Doug Fasset Date: 3/10/92
 SWEC Support Services

Concurrence by: A. E. King Date: 1/23/92
 WHC Coordinator



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Attachment #1

Meeting Summary and Summary of Commitments and Agreements
 100 Area Schedule Integration Meeting
 September 26, 1991

Jim Goodenough (DOE) reviewed the purposes of the meeting which were to do the following: give the regulators an advance copy of a transmittal letter; acknowledge change of the review period of the 100 Area work plans from 30 days to 60 days; discuss the assumptions; and if there was time remaining, review other agenda items that were not covered at the September UMM.

Tom Wintczak (WHC) stated that the problem with meeting the regulators expectations is funding limitations for characterization activities and IRMs. Wintczak suggested they clarify all the assumptions then add *the unresourced activities and tasks in FY '92 and FY '93* to the schedules showing them as unfunded items and identify their impact. The revisions to the assumptions are described below. The underlined text represents the agreed upon changes to the assumptions.

General Consideration - 1:

1. No change - The regulators expressed their disapproval of this assumption.
2. "The baseline schedules are fully resource loaded and do not include new Expedited Response Actions (ERAs). If new ERAs are identified the need to perform the ERA will be evaluated against impacts to RI/RFI activities, as provided in the Hanford Past Practice Investigation Strategy. Depending on the urgency and benefits of the proposed ERA the baseline program and associated schedules may be adjusted and supplemental budget will be pursued."
3. This assumption was determined to be a reiteration of #1.
4. This will be clarified to reflect the 60 day review period which constitutes the second submittal of the draft work plans to the regulators on 9/30/91.
5. "An operable unit interim Record of Decision (ROD) will be developed by remedial process, waste site, and operable unit. A final 100 Area ROD will be developed after the 100 Area sites have been investigated."
7. Delete
8. Delete
9. Internal to DOE, does not belong in this list of assumptions. Delete
10. Internal to DOE, does not belong in this list of assumptions. Delete
11. "Characterization schedules are based on currently available (9/19/91) resources."
12. "Schedules reflect activities that have scopes defined at this time. Activities that cannot be fully scoped at this time can be handled by either adjusting schedules and milestones as the scope is defined or to assume an appropriate period of time in the schedule at this time. RL prefers the first option. The regulatory community prefers the second option. If the second option is chosen, RL contends that specific assumptions supporting the estimate must be agreed to (e.g., river sediment sampling)."

Documents/Reviews - 2

1. Internal to DOE, does not belong in this list of assumptions. Delete

Groundwater Activities - 3

1. "25% of groundwater boring will encounter radiation contamination."
2. Force Majeure, Delete
3. No change
4. "All GW wells will be drilled at the approximate locations indicated in the work plans, as long as the original purpose is adhered to."
5. Delete
6. No change

Vadose Activities - 4

1. "100% of vadose zone borings will encounter radiation contamination. (See item 2 under Laboratory Activities)"
2. Delete

Laboratory Activities - 5

1. This issue will be raised up to management for resolution. Delete
2. This issue will be raised up to management for resolution. Delete
3. This issue will be raised up to management for resolution. Delete
4. No change

River Impact Study - 6

1. Delete
2. "River water levels will allow shoreline radiation surveys to be completed by November of CY 1991."

Ecological Activities - 7

1. No change
2. This assumption will be restated to reflect the latest date and time of aquatic biota sampling based on critical path.
3. This assumption will be restated to tie in with the activities supporting the development of the Hanford Risk Assessment Methodology.

Risk Assessment - 8

1. "Work proposed in the work plans will be sufficient to meet qualitative risk assessment needs for IRMs."
2. No change

Feasibility Studies - 9

1. This issue will be defined, added to the schedules, and raised up to management for resolution. Delete
2. This issue will be defined, added to the schedules, and raised up to management for resolution. Delete
3. This issue will be defined, added to the schedules, and raised up to management for resolution. Delete

Remediation Activities - 10

1. Delete
2. This will be added to the schedules. Delete
3. "In FY 1992 planning for IRM demonstrations will be initiated as part of the feasibility studies."

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4. This assumption will be raised up to General Counsel to obtain a clear definition of language. Delete
5. "The rescoped work plans and associated schedules reflect an attempt to expeditiously define if a waste site requires remediation. The resulting interim Record of Decision (ROD) will define any additional characterization required. The assumption reflected in the work plans and schedules is that a removal action interim ROD can be achieved by performing the work presently defined in the rescoped work plans."
6. No change

All Drilling Assumptions will be deleted.

Conclusion

1. "Assumptions will be included in a transmittal letter. Deviations from these assumptions will be the basis for negotiating changes in work plan/TPA milestone schedules."
2. No change

Jim Goodenough gave the regulators a pre-decisional draft of a transmittal letter to review and update the distribution list. Mike Thompson (DOE) stated that on October first they will have two drilling rigs available and three groundwater wells identified and that they wanted to get approval to begin drilling these wells. Larry Goldstein (Ecology) stated that Ecology will transmit a letter stating their approval to begin with groundwater wells #8, #9, and #10.

Vadose Zone Boreholes:

The agreed upon vadose zone boreholes to be drilled are as follows. It was decided that in 116-D-7 they would move the borehole to the east as close as possible to the inlet. Alan Krug (WHC) stated that they prefer to do the low radioactivity holes first so that the 325 lab isn't overwhelmed. Larry Goldstein stated that DOE is to take the risk that they may have to go in to do more drilling and sampling at a later date.

It was decided in the 116-DR-9 basin to move the borehole to the south. Which side of the basin to be drilled would be based on field conditions since history showed that it shouldn't make a difference. *Ecology would consider shifting to three holes in 116-DR-9.*

In the 116-DR-1 basin they will drill *one* borehole. In 116-DR-2 the borehole will be located in the dogleg.

In the 116-D1A and 1B trenches it was decided to drill one boring. They need to identify the principal inlet and drill closer to that end.

The 116-D-3 structure will have one borehole drilled in the center since it is a french drain.

Larry Goldstein stated that Ecology would like to receive information showing that data obtained from sampling out of a backhoe is not being compromised. Merl Lauterbach (WHC) took this as an action item to be completed.

It was determined that the regulators would call WHC to find out when sampling activities would occur so that they may observe and/or sample.

Jim Goodenough reviewed the results of today's meeting as follows: they have obtained a basic agreement to proceed with vadose zone and groundwater wells; they will change the limited intrusive investigations and formally request approval; the assumptions will be transmitted as an attachment to a transmittal letter and will not be in the work plans; they will clarify the purpose of the disclaimer and ask the regulators to disregard the disclaimer. Jim Goodenough discussed some items from the September UMM that were not previously covered.

1. An issue of RCRA/CERCLA integration came up *in two areas* requiring resolution. *One is the near-term integration of the 100-N Reactor shutdown with CERCLA remediation and/or RCRA closures. The second is a RCRA/CERCLA integration issue with the 183-H Solar Evaporation Basins.* Larry Goldstein stated that if he were provided more information he could take it to Ecology management to decide. Alan Krug asserted that he would provide this information.
2. The approval to publish the final EIS is near, it is presently with General Counsel. General Counsel wants RL to write a letter to EPA Region X notifying them of availability. Larry Goldstein stated that Ecology should receive a copy of this letter.
3. *WHC will initiate a TPA Change Request to redesignate the 100-F operable units as follows: 100-FR-1 and 100-FR-2 will be source operable units and a new 100-FR-3 groundwater operable unit will be designated.*

The meeting adjourned at 3:10 PM.

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Attachment #2

Attendance List

100 Area Schedule Integration Meeting
September 26, 1991

Name	Organization\Responsibility	Phone
Thompson, K. Michael	DOE-RL ER Programs	509-376-6421
Goodenough, Jim	DOE-RL 100 Areas O.U.	509-376-7057
Cline, Chuck	Ecology U.M. Hydrogeo.	206-438-7556
Goldstein, Larry	Ecology Unit Manager	206-438-7018
Sprecker, Jonathan	BC Ecology Support	503-244-7005
Mullen, Richard	PMX Ecology Support	206-455-2550
Innis, Pamela	EPA Unit Manager	509-376-4919
Einan, Dave	EPA Unit Manager	509-376-3883
Sherwood, Doug	EPA Unit Manager	509-376-952
Shigley, Diane	SWEC GSSC	509-376-5038
Wintczak, Tom	WHC ER Programs	509-376-0902
Roeck, Fred	WHC 100-K, -F	509-376-8819
Krug, Alan	WHC 100 HND Areas	509-376-5634
Adams, Mel	WHC Manager, EEG	509-376-8361
Lauterbach, Merl	WHC Env. Eng.	509-376-5257

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AGREEMENT ACTIVITY NOTIFICATION

OPERABLE UNIT 100-DR-1 OPERABLE UNIT

DATE 9-26-91

TSD _____

JAMES GOODENOUGH
UNIT MANAGER

OTHER _____

ACTIVITY PERIOD OCTOBER 1 THROUGH NOVEMBER 30, 1991

ACTIVITIES

SCHEDULED START DATE

VADOSE DRILLING

OCTOBER 1, 1991

116-D-7 (1) 116-DR-9 (3 Holes)

116-D-1A (1) 116-D-1B (1)

116-DR-1 (1) 116-DR-2 (1)

116-D-3 (1)

Total. 9 Holes

James Goodenough
UNIT MANAGER

EPA/Ecology/DOE representatives that may want to observe any of the listed activities should verify the start date with the Unit Manager. Depending on the activity, location, and the individual's needs relative to observation/participation, the individual may be required to meet the training requirements of Environmental Investigation Instruction 1.7.

100 Area Schedule Integration Meeting
September 26, 1991

Distribution:

Jim Goodenough, DOE-RL (A5-19)
K. Michael Thompson, DOE-RL (A5-19)
Merl Lauterbach, WHC (H4-55)
Fred Roeck, WHC (H4-55)
Tom Wintczak, WHC (L4-92)
Mel Adams, WHC (H4-55)
Alan Krug, WHC (H4-55)
Doug Sherwood, EPA (B5-01)
Pamela Innis, EPA (B5-01)
Dave Einan, EPA (B5-01)
Larry Goldstein, Ecology
Chuck Cline, Ecology

~~Ronald D. Izatt (A6-95)
Director, DOE-RL/ERD~~
Ronald E. Gerton (A6-80)
Director, DOE-RL/WMD
Roger D. Freeberg (A6-95)
Branch Chief, DOE-RL/EPB
~~Steven H. Wisness, (A5-19)
TPA Project Manager~~
Richard D. Wojtasek (B2-15)
Program Manager WHC

ADMINISTRATIVE RECORD: 100-HR-1, 100-HR-3, 100-DR-1, 100-BC-1, 100-BC-5,
100-KR-1, 100-KR-4, 100-NR-1, 100-NR-3; Care of Susan Wray, WHC (H4-51C)

Please inform Diane Shigley (SWEC) of deletions or additions to the
distribution list.

H4-22

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