

MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 740 Stevens Building

FROM: W. L. Johnson

CHAIRMAN: G. C. Henckel 

Dept-Operation-Component	Area	Shift	Meeting Dates	Number Attending
Environmental Engineering	3000	Day	January 4, 1993	13

Distribution

State of Washington Department of Ecology

J. Donnelly fax
 L. Goldstein
 D. Goswami*
 R. L. Hibbard
 J. Phillips*
 D. D. Teel
 N. Uziemblo*
 J. Yokel
 T. Wooley*

U.S. Environmental Protection Agency

P. R. Beaver B5-01
 P. T. Day
 D. R. Einan
 D. A. Faulk*
 L. E. Gadbois*
 P. S. Innis*
 D. R. Sherwood*

Westinghouse Hanford Company

L. D. Arnold B2-35
 M. V. Berriochoa B3-30
 H. D. Downey H6-27
 W. F. Heine B2-35
 G. C. Henckel* H6-04
 W. L. Johnson* H6-04
 J. K. Patterson* H6-27
 D. L. Sickle* H6-27
 T. M. Wintczak H6-27
 EDMC H4-22
 ERAG Route H6-04
 GCH File/LB

U.S. Army Corps of Engineers

J. T. Stewart A5-20

U.S. Department of Energy, Richland Field Office

H. L. Chapman A5-19
 J. K. Erickson A5-19
 E. D. Goller A5-19
 R. G. McLeod A5-19
 P. M. Pak A5-19
 R. K. Stewart* A5-19

H6-08

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*Attendees

The weekly interface meetings on the expedited response actions (ERAs) was held to status the ERAs for the U.S. Department of Energy, Richland Field Office and the regulators. The meeting was conducted in accordance with the attached agenda. Actions were formally reviewed and the attached action item list was updated. The weekly report is also attached.

All eight ERAs were discussed and their status summarized. Approval was given for backhoe sampling on the North Slope as documented in the Decisions, Agreements & Commitments form (attached).

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments for North Slope Sampling
4. Expedited Response Action Weekly Report, week ending 1/1/93



WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: January 4, 1993

- GENERAL ISSUES
 - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
 - 200-W Carbon Tetrachloride
 - o 1500 cfm unit delivery date 3/1/93
 - o VES restart 1/11/93
 - N-Springs
 - o EE/CA has been initiated
 - o 12/28/92 presentation as previous modeling - cancelled reschedule
 - Sodium Dichromate
 - o Public review status began 12/9/92
 - North Slope
 - o Second part sampling provided to Ecology and EPA 12/3/92 - change to backhoe necessary.
 - o ERA proposal under development
 - Pickling Acid Crib
 - o Sampling completed 12/7/92
 - Riverland
 - o Draft proposal 1/15/93 pending lab data
 - 618-11
 - o Document work continues
 - o Packaging & transportation
 - 618-9 & 316-5
 - o Closure report status?
- OTHER ISSUE
 - o Ordinance support letter
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
January 4, 1993

ORGANIZATION

ACTION ITEM

WHC WHC will provide RL, EPA, and Ecology copies of the GPR reports for the Riverland ERA site when it becomes available. (open) North Slope, Sodium Dichromate, and Pickling Acid reports have been provided. (open)

WHC Provide description of the best method to incorporate 618-10 into 618-11 ERA. (open)

WHC Nuclear Safety briefing on the approach to be used for 618-11 ERA when determined. (open)

WHC (revised) WHC will prepare draft fact sheets on the new ERAs for review. (closed) faxed in December

WHC Provide a list of wells near 618-11 including depths, locations, and construction logs requested by regulators. (open)

WHC Provide XRF data for White Bluffs Pickling Acid Crib sampling. (closed)

WHC Status of Riverland schedule. (closed)

EPA Provide information on passive emissions for CCl_4 . (open)

EPA Provide information on regulator position for an Interim Record of Decision for CCl_4 ERA. (closed)

EPA Develop procedure for inclusion in TPA handbook for transmittal of field information and sample data obtained by regulators during split sampling activities. (open)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
January 4, 1993

DECISIONS:

AGREEMENTS:

From change to use back line at specific
level line is approved as stated in attachment.

COMMITMENTS:

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Robert R Stewart
DOE Representative

[Signature] 1/4/93
~~ECOLOG~~ EPA Representative

[Signature] 1-4-93
EPA ~~ECOLOG~~ Representative

[Signature] 1-4-93
WHC Representative

ATTACHMENT 1

NORTH SLOPE EXPEDITED RESPONSE ACTION PROJECT CHANGE FORM

Date: 12-31-92

Person Initiating Change: Jonathan G. Lucas

Change: Use backhoe to characterize drywells at sites H-83-C and H-07-H, remove and characterize oil contaminated soil at H-90, and characterize acid neutralization pit at H-06-L. Sampling from bucket will be utilized at sites H-83-C, H-07-H, H-90, and possibly at site H-06-L (depending upon depth of acid neutralization pit).

Reason For Change: Backhoe will be used at drywell at H-07-H because hollow-stem auger was unable to drill thru the 1-3" cobble used in its construction. The other sites will be investigated using backhoe because it will be used at H-07-H, ~~will be used~~ ¹²⁻³¹⁻⁹² since its in the area, and due to frozen ground.

APPROVAL:

Field Team Leader: Jonathan G. Lucas 12-31-92

Cognizant Engineer: [Signature] 12-31-92

Environmental QA Representative: [Signature] 1/4/93

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Weekly Report, Week Ending January 1, 1993
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

North Slope Expedited Response Action - Initiated work package for using a backhoe in obtaining samples at the H-07-C dry well. A project change form has been drafted and will be provided to the regulatory agencies for their approval prior to initiating the sampling activities at the dry well site.

Preparation of the ERA Proposal continues. Data continues to arrive from the analytical labs. Initial review of the data indicated no elevated levels of contaminants.

N-Springs Expedited Response Action - Preparation of the ERA proposal continues. The Information Bulletin has been drafted in an attempt to obtain a categorical exclusion from NEPA documentation requirements. An environmental assessment is being included in the ERA proposal in case the categorical exclusion is not approved.

White Bluffs Pickling Acid Crib Expedited Response Action - Sampling was completed December 7, 1992. Preparation of the EE/CA was initiated. EPA provided a copy of their sampling plan used to take split samples at the Acid Crib.

Riverland Railroad Site Expedited Response Action - The rough draft of the proposal is 90% complete. Still waiting on offsite lab results for the Riverland samples.

Sodium Dichromate Expedited Response Action - The Sodium Dichromate proposal public review was initiated December 9, 1992, and is tentatively scheduled to end on January 7, 1993.

618-11 Expedited Response Action - 618-10 & 618-11 were visited briefly on 12/28. No unusual snow melt patterns were apparent in fresh snow cover while temperatures hovered near 32°. WPPSS has monitoring network signs up on each side of 618-11. Rabbit tracks were visible in the snow east of 618-11. A coyote was sighted southwest of 618-11 and tracks were observed along the old road west of the burial ground.

200 West Carbon Tetrachloride Expedited Response Action

GAC Release and Regeneration - Results of the sampling effort were received December 29, 1992, and are currently being evaluated. Completion of the draft letter to DOE-HQ requesting a waiver for shipping the waste off-site is anticipated by January 8, 1993.

Current VES Operations - The VES unit has been shut down to complete upgrades necessary to support 24 hour operations. Restart of the unit is scheduled for January 11, 1993.

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24 Hour Operations - Activities are continuing to be conducted in support of operating the existing unit 24 hours/day. The flowmeters have been replaced, the record sampler has been moved downstream of the HEPA filter, the CAM cabinet has been installed, and installation of the process control system is anticipated to be completed by January 7, 1993. In addition, both the pressure and vacuum relief valves have been installed. Work is in progress to replace the existing motor with the larger 20 horsepower motor. Problems encountered with the completion of the work include a complete lack of craft support over this past week. The VES operations has received lower priority when requesting craft support because the system supports environmental remediation and not safety activities. As a result, work can only be planned for completion on a daily basis. This issue is currently being addressed and other alternatives are being evaluated for securing craft personnel to support the project. Assuming craft personnel are available to support system upgrades, it is estimated that 24 hour operations will begin the week of January 11, 1993.

Upgrade Existing System to 1000 cfm - Work is proceeding with procuring and installing necessary equipment (i.e. motors) to upgrade the existing 500 cfm unit to 1000 cfm. Design work was initiated this week to support the system upgrades. Completion of the upgrades are expected by March 31, 1993.

Leased 500 cfm Vapor Extraction System (VES) - Fabrication of the HEPA trailer is nearing completion with the installation of the sampling lines. Construction on the process control trailer will begin on January 4, 1993. Fabrication of both trailers is on schedule for completion January 15, 1993.

1500 cfm unit - The 1500 cfm unit is scheduled to be delivered March 1, 1993, and operations of this unit are to be initiated on March 31, 1993.

Z-9 Operations - Input has been received from Environmental Engineering Studies (EES) for characterizing ambient air at the 216-Z-9 disposal facility. A letter to Environmental Field Services requesting support for characterization activities services is being prepared. The letter will include support requirements for the well-field characterization and ambient air work.

Well-field Design - Drilling-related activities were delayed two weeks for additional review of the Hazardous Waste Operations Permit (HWOP) by Independent Safety. The review was to be completed by December 29, 1992. Deepening of 299-W18-174 within 216-Z-1A is scheduled to begin in mid-January. Deepening of 299-W18-96 within 216-Z-18 is scheduled to begin March 1, 1993. Any changes to the Sampling and Analysis Plan will be in place (using an Engineering Change Notice to the workplan) prior to drilling and sampling. Mandatory additional training on DPTA (medical treatment for internal dose) and PFP emergency response has been arranged for drilling and sampling staff on January 12, 1993.

Comments on the draft FY 93 wellfield design workplan are being incorporated. The plan should be available in mid-January.

All of the necessary instrumentation for the puffer unit has been received. The remaining components are being obtained, and the system should be assembled and ready to use by January 15, 1993.

The Ebasco report, "*Analysis of Carbon Tetrachloride Evaporative Losses and Residual Inventory*," is being reviewed by WHC. Comments have been requested by January 8, 1993.

Site Characterization (ERA and Arid ID) - Source Term Characterization Evaluation of Effluent Pipelines: The glovebag has been installed to allow cutting of pipelines 840 and 840D (from Recuplex to 216-Z-9). The pipes are scheduled to be cut open beginning December 30, 1992, to allow access for the camera assembly. Once the pipes are cut, the camera inspection can be conducted.

Investigate Source of Secondary Groundwater Maximum - Craig Barrington will be researching the waste management/practices records to determine the source for the secondary maximum in the groundwater under the T tank farm area.

Geophysical Surveys - Coleman Research Corporation/Blackhawk Geophysics conducted the initial phase of surface geophysical surveys at the carbon tetrachloride site from December 8, 1992 through December 16, 1992. Three survey lines were established: an E-W line north of 216-Z-18; a N-S line east of 216-Z-1A; an E-W line north and east of 216-Z-9. Geophysical methods include seismic refraction and reflection, frequency domain electromagnetics, induced polarization, and ground penetrating radar. Coleman/Blackhawk anticipates returning for additional field work in January.

Existing Well Evaluations - Borehole Geophysical Logging. A camera survey has been requested for well 299-W15-6.

Wellhead Vapor Emissions - Conduct of this task is dependent on obtaining diluters for the Odysseys (which are being ordered). Alternatively, use of a charcoal absorbent in the wellhead to give an integrated VOC sample is being considered.

Characterization Wells - Deep groundwater well. Drilling of this well is scheduled to begin March 1, 1993.

Data Evaluation - The report on the conceptual model update is due at the end of January. A detailed outline has been prepared and a draft will be completed by December 31, 1992. Demonstration Operations will transmit this document to RL by January 29, 1993, to meet the (key) milestone.

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The FY 92 site characterization data package (WHC-SD-EN-TI-063) will be revised to include the additional data received since it was first issued.

Baseline Monitoring - Baseline monitoring on December 18, 1992, and December 23, 1992, during high pressure (29.3 and 29.6 in Hg, respectively) yielded few detections of VOCs. On both days the only wellhead detections were at the upper interval of two multi-level screened wells (299-W18-247 and 299-W18-216). On both days three soil gas probes did have minor detections (up to 4 ppm).

The report of FY 92 baseline monitoring activities has been completed and sent out for comments. Comments are requested by January 8, 1993.

CCl₄ Groundwater Expedited Response Action - A meeting was convened to discuss roles and responsibilities of various organizations directly involved with the ERA. Individuals representing Environmental Field Services, Environmental Restoration Engineering, Geosciences, and the Battelle Seattle Research Center participated in this meeting. In addition to delineation of roles and responsibilities, technical discussions on well design, pilot test design/planning, and interaction with other ER programs occurred.

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