

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 | December 7, 1992 | 14 |

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
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U.S. Environmental Protection Agency

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 P. T. Day
 D. R. Einan
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 L. E. Gadbois
 P. S. Innis*

Westinghouse Hanford Company

L. D. Arnold B2-35
 M. V. Berriochoa B3-30
 H. D. Downey H6-27
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 G. C. Henckel* H6-04
 J. K. Patterson H6-27
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 T. M. Wintczak H6-27
 EDMC H4-22
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U.S. Army Corps of Engineers

J. T. Stewart* A5-20

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 E. D. Goller* A5-19
 R. G. McLeod A5-19
 P. M. Pak* A5-19
 R. K. Stewart* A5-19

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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.

The ERAs were discussed and their status summarized. EPA and Ecology stated that changes would be necessary for the second phase sampling plan for the North Slope, but that the sampling could begin 12/14/92. The U.S. Army Corps of Engineers agreed to provide copies of the letter to RL concerning ordinance support activity. The status of the focused feasibility study for EM-2-3, IU-1 was also discussed. The previous agreement regarding regulator transmission of information/data obtained during field activities was reviewed.



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Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report, week ending 12/4/92
5. 10/26/92 Agreement

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WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: December 7, 1992

- GENERAL ISSUES
 - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
 - 200-W Carbon Tetrachloride
 - o Site characterization FY 93 document to RL 11/30/92
 - o Status of passive emissions (EPA)
 - o Status of interim record of decision (EPA)
 - o ERA Groundwater Plum proposal to RL 12/7/92
 - N-Springs
 - o EE/CA has been initiated, new schedule to be provided next week
 - Sodium Dichromate
 - o Public review status?
 - North Slope
 - o Second phase sampling provided to Ecology and EPA 12/3/92
 - o ERA proposal under development
 - Pickling Acid Crib
 - o Sampling completed 12/7/92
 - Riverland
 - o Soil gas results
 - 618-11
 - o Document work continues
 - o Packaging & transportation
 - 618-9 & 316-5
 - o Closure report status?
- OTHER ISSUE
 - o Video tapes
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
December 7, 1992

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. (open) |
| WHC | Provide a list of wells, depths, and locations around 618-11. (open) |

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
December 7, 1992

DECISIONS:

AGREEMENTS:

*No significant decisions, agreements
or commitments*

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

[Signature]

WHC Representative

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Weekly Report, Week Ending December 4, 1992
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

North Slope Expedited Response Action - Preparation of the sampling plan for the military sites and cisterns has been completed. The plan was provided to the U.S. Environmental Protection Agency, the State of Washington Department of Ecology and the U.S. Department of Energy, Richland Field Office for their review. Phase two sampling activities are scheduled to begin the week of December 14, 1992. Preparation of the Expedited Response Action (ERA) proposal continues. Analytical data from the first phase of sampling is arriving. The data is being placed into a data base to allow for interpretation.

N-Springs Expedited Response Action - The preparation of the ERA proposal has been initiated.

Pickling Acid Crib Expedited Response Action - Sampling of the White Bluffs Pickling Acid Crib has been initiated. Approximately half the sampling locations have been completed. Field screening does not indicate any metal levels above background.

Riverland Railroad Site Expedited Response Action - Work continues on the first draft of the Riverland Environmental Engineering/Cost Analysis (EE/CA).

Sodium Dichromate Expedited Response Action - The Sodium Dichromate EE/CA public review schedule will be delayed by two weeks.

618-11 Expedited Response Action - Plans for the 618-11 ERA were discussed with the Hanford Cultural Resource Specialists. Postponement of surveys at this site is fitting given their current and projected workload. Surveys are tentatively planned for next spring. New historical data and/or photos pertaining to 618-11 are being reviewed. A meeting was scheduled with WPPSS, the Washington Department of Health, RL, PNL, and WHC representatives to introduce and discuss the 618-11 ERA. Monthly interface meetings were established to keep all informed of pertinent burial ground ERA activities. Researching well locations and depths surrounding the subject burial ground.

200 West Carbon Tetrachloride Expedited Response Action -

Regulatory - An analysis of ARARs associated with the use of catalytic oxidation has been completed. This evaluation is being conducted in support of reevaluating using onsite organic treatment systems.

Regulatory analysis was provided for the RO/CT test.

Site Characterization (ERA and Arid ID) - The draft fiscal year (FY) 1993 Site Characterization Workplan has been transmitted to RL, for follow-up distribution to the regulators. The plan covers characterization for both the ID and the ERA.

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Phase 1 of the pipeline assessment work has been put off due to work prioritization issues within Plutonium Finishing Plant (PFP) (the 216-Z-9 lines require access from PFP). A meeting is planned with PFP management to find a solution to this issue.

Baseline Monitoring - on November 23, 1992, high pressure (29.4) caused very few detections of volatile organics. Only one well had detectable volatiles (4 ppm). Two soil-gas probes had slight detections (.5 ppm) and both cone penetrometer points had detections (51 ppm and 4802 ppm).

Moderate pressure (29.2) yielded many detections of volatile organics. Most stations had detections with a wellhead high of 475 ppm at 299-W18-246 (lower interval).

Work continues on the final report for the FY 92 baseline monitoring.

Well Field Design - The draft FY 93, "Wellfield Enhancement Workplan" has been sent out for internal review. Informal draft copies have been supplied to EPA.

Vapor Extraction System Operations (GAC Release and Regeneration) - The letter to DOE-HQ requesting a waiver from the off-site shipment moratorium is being put on hold until additional sampling is conducted to support the request. Sampling is tentatively scheduled for the week of December 7, 1992.

The radon test plan has been revised and is currently being edited. A radon test will be conducted to support releasing the carbon canisters.

There is some concern regarding the GAC contract, as no delivery of GACs to the vendor have been conducted. WHC Procurement representatives are evaluating the situation.

Existing Operations - VES operations were down three days this week to replace a CAM and problems with the CCl₄ monitor.

24 Hour Operations - The process control system is still being debugged. Terminal strips that had been ordered for connecting the input and output devices will not arrive until mid December, so some were obtained from Radar Electric to enable this work to begin. It is estimated that 24 hour operations will begin the week of January 4, 1993.

Upgrade Existing System (1000 cfm) - Work is proceeding with procuring and installing necessary equipment (i.e. motors).

Leased 500 cfm Vapor Extraction System (VES) - Bids for leasing the 500 cfm VES unit are due by close-of-business Monday, 12/7. Thus far, 3 of the 6 vendors have said they will submit bids. Fabrication and assembly of equipment (e.g. HEPA filtration units) to support the leased 500 cfm VES unit is progressing very well.

Z-9 Operations - Engineering/Operational support services have been procured to supply additional support to the VES team, to meet milestones at Z-9.

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Onsite Treatment Study - Ebasco services were procured to assist in writing up this study, which is a reevaluation of onsite treatment processes for carbon tetrachloride. Battelle Seattle Research Center will continue with their assessment of ARARs for treatment alternatives, coordinating their efforts with Ebasco.

Planning - A planning proposal has been prepared to initiate an ERA on dissolved CCl_4 contamination in the unconfined aquifer underlying the 200 West Area. The document (WHC-SD-EN-PD-012) has been released.

VOC-ARID Integrated Demonstration - Conceptual test plans for the various technology demonstrations have been turned in.

The WHC offgas membrane equipment has been moved to the VES site for demonstration, once 24-hour operations are achieved.

Russian Training - DOE-HQ has now approved funding for the conduct of a two-week training session for Russian nuclear environmental workers. One week of training will be spent at the Hanford Site (week of April 12, 1992) The training will utilize both Westinghouse and PNL resources and is being led for RL by a PNL/WHC team.

Outreach - Filming of the VES site and field crew was conducted by a film crew from "Beyond 2000," an Australian television program which is seen in over 60 countries, including in the United States on the Discovery Channel.

A site visit was conducted for Los Alamos personnel, who are interested in both ERA and VOC-Arid ID activities, as they apply to environmental work at their site. Arrangements are in progress to include LANL in workshops on the ERA/VOCs Arid ID, to be conducted next spring. Separate workshops will be held for the Idaho Falls National Lab, and Rocky Flats.

A presentation on the cone penetrometer demonstration was provided by Applied Research Associates. The demonstration included collaborative efforts, around the carbon tetrachloride site. Future work between ARA and the ID/ERA work is planned.

Upcoming tours include Washington Nuclear Waste Board and Zinifer Ismogilov (both December 8, 1992). A poster session will be presenting a poster session on their work with the ERA at AGU next week.

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
October 26, 1992

DECISIONS:

AGREEMENTS:

- ① Field sampling at the Riverland Railroad ERA site may be initiated on 10/28/92.
- ② The regulatory agency conducting split sampling will send a letter describing their field activities to the AR for the Riverland and Wabasha Super ERAs. Copies of letter will be sent to DOE/Rob Stewart & WHC/George Henckel.

COMMITMENTS:

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Robert K. Stewart 10/26/92
DOE Representative

Don [Signature] 10-26-92
EPA Representative

Darci [Signature] 10/26/92
ECOLOGY Representative

[Signature] 10/26/92
WHC Representative