

## MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 450 Hills

FROM: W. L. Johnson

CHAIRMAN: W. L. Johnson *WJ*

Dept-Operation-Component	Area	Shift	Meeting Dates	Number Attending
Environmental Engineering	3000	Day	November 2, 1992	10

M. V. Berriochoa	B3-30	EPA	B5-01
H. D. Downey*	L4-92	P. Beaver	
J. K. Erickson	A5-19	P. T. Day	
E. D. Goller	A5-19	D. R. Einan*	
W. F. Heine	B2-35	D. A. Faulk*	
G. C. Henckel*	H4-55	L. Gadbois	
R. G. McLeod	A5-19	P. S. Innis	
P. M. Pak*	A5-19	D. R. Sherwood	
J. K. Patterson	L4-92		
D. L. Sickle	L4-92	Ecology	fax
J. T. Stewart	A5-20	J. Donnelly*	
R. K. Stewart*	A5-19	L. Goldstein	
T. M. Wintczak	L4-92	D. Goswami	
<b>EDMC</b>	<b>H4-22</b>	R. L. Hibbard	
Field File Custodian	H4-55	J. Phillips*	
ERAG Route		D. D. Teel	
WLJ File/LB			

### \*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. Weekly reports are also attached.

All eight ERAs were discussed and their status summarized. A number of new action items were agreed to and are documented on the attached action item list.



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Meeting Minutes  
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November 2, 1992

An addendum to the Pickling Acid Crib SAP was provided. This addendum provides information relative to waste handling activities. Additionally, a schedule for the Sodium Dichromate EE/CA review was provided. A decision will be made on November 9, 1992, on whether to go forward with the public review or revise the document. Copies of the EE/CA and the geophysics report for the Sodium Dichromate site were also provided to RL and the regulators.

The meeting on November 9, 1992, will be held in EPAs conference room at 9:30 a.m. The agenda will be limited to a briefing on the CCl<sub>4</sub> ERA, N-Springs Proposal, and Sodium Dichromate EE/CA review cycle.

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report, 10/30/93
5. Addendum to the Pickling Acid Crib SAP.
6. Schedule for the Sodium Dichromate ERA Proposal review.

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WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: November 2, 1992

- GENERAL ISSUES
  - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
  - / 618-9 Burial Ground/316-5 Process Trench
    - o Completion reports?
  - 200-W Carbon Tetrachloride
    - ✓ o Site characterization status
    - o Well field design
    - o Operations status (briefing scheduled for 11/9/92)
  - / Sodium Dichromate
    - o EE/CA review cycle
    - o Schedule
  - / Riverland
    - o Sampling activities
    - o EE/CA Proposal
  - / Pickling Acid Crib
    - o SAP drafted and provided to the regulators
    - o Sampling planned for November 16, 1992
  - / 618-11 Burial Ground
    - o Safety approach under development
    - o Historical review continuing
  - / N-Spring
    - o Project plan submitted to DOE-RL
  - / Wahluke Slope
    - o Sampling status
- OTHER ISSUE
  - Uranium Groundwater Plume and Other Potential ERAs
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-  
November 2, 1992

ORGANIZATION

ACTION ITEM

WHC	WHC will provide RL, EPA, and Ecology copies of the GPR reports for Riverland, and Pickling Acid ERA sites when they become available. (open) North Slope and Sodium Dichromate reports have been provided.
WHC	Provide description of the best method to incorporate 618-10 into 618-11 ERA. (open)
EPA/Ecology/RL	Assess the feasibility of a complete parallel review for the Sodium Dichromate EE/CA and provide a decision by 11/9/92. (open)
WHC	Nuclear Safety briefing on the approach to be used for 618-11 ERA when determined. (open)
RL	On November 9, 1992, RL will provide an N-Springs discussion. (open)
WHC	WHC will set up a meeting to preview the video tapes taken at the Sodium Dichromate, Riverland, and North Slope ERA Sites. (open)
WHC	WHC will obtain copies of the most recent ERA fact sheets for review. (open)
WHC	WHC will prepare a draft response for RLs and Ecology's use in responding to the Oregon Hanford Nuclear Waste board letter. (open)
WHC	WHC will contact their legal department to gather information on what is required by the GSA to excess government property after a ROD is reached. (open)
WHC	WHC will provide EPA with a copy of the field logbook for the Riverland ERA sampling activities. (open)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-  
November 2, 1992

DECISIONS:

AGREEMENTS:

*Nothing of any significance.*

COMMITMENTS:

\_\_\_\_\_  
DOE Representative

\_\_\_\_\_  
EPA Representative

\_\_\_\_\_  
ECOLOGY Representative

*WJL* \_\_\_\_\_ *11/3/92*  
WHC Representative

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Weekly Report, Week Ending October 30, 1992  
EXPEDITED RESPONSE ACTIONS  
Technical and Management Contact - Wayne L. Johnson, 376-1721  
Environmental Division

North Slope Expedited Response Action - Sub-surface sampling activities at the military landfill waste sites continue. Sampling activities have been completed at the H-83-L Nike missile site and PSN-04 anti-aircraft site. Sampling activities have begun at site H-06-H and should be completed during the first week of November. Field screening results indicate elevated levels of hydrocarbons at several sampling locations at H-06-H. Twenty-one boreholes have been characterized using field screening/analysis and offsite analysis. Approximately fourteen boreholes remain.

Total activity samples submitted to 222-S lab from PSN-04 initially indicated elevated radiation levels. The lab performed a gamma-spec analysis which indicated the contamination was due to the presence of Cesium. Splits of these samples were submitted to the 222-T Health Physics lab which indicated that the radiological levels were well within background limits. 222-S re-ran their analysis and indicated that the samples were not contaminated radiologically. Due to the time required to perform these additional analysis the holding times for certain analytes on samples to be sent to off-site labs were not met.

Pickling Acid Crib Expedited Response Action - The White Bluffs Pickling Acid Crib ERA Project Plan has been issued in draft format for regulatory review.

Riverland Railroad Site Expedited Response Action - The horses are still out at Riverland. RL has been requested to contact the owner and request the horses be removed.

The Health Physics Technician (HPT) showed up late at the Riverland sampling site on the first day of sampling. He didn't have his hard hat, lunch, or rain gear. This cost the project a half day's sampling and caused Ecology to formally complain to RL. HPT management was contacted and sampling was conducted on schedule the following day. Initial field screening for radiation at two drain locations are negative.

Sodium Dichromate Expedited Response Action - Sodium Dichromate ERA proposal was provided to RL.

N-Springs Expedited Response Action - A statement of work has been issued to IT Corporation for conducting the engineering evaluation/cost assessment and preparation of the ERA proposal.

618-11 Burial Ground Expedited Response Action - The assistance of an on-site imaging specialist has been enlisted to find aerial reconnaissance photos (both satellite imagery and U-2 photos are being sought). D. R. Ellingson (Nuclear Safety) discussed his approach to safety documentation development in an informal meeting Monday, October 26, 1992. He will work on development of a project scope statement/diagram over the next week. The goal is to aid in focusing project resources on manageable bits of the total project.

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ERA WEEKLY REPORT CONTINUED

Carbon Tetrachloride Expedited Response Action - The fiscal year (FY) 1992 Site Characterization Status Report and Data Package for the Carbon Tetrachloride Site was transmitted to RL, with copies for EPA and Ecology, in support of the Expedited Response Action (ERA).

A summary of the report, *Analysis of Carbon Tetrachloride Evaporative Losses and Residual Inventory Beneath 200 West Area at the Hanford Site* prepared by Ebasco, was presented to RL and the regulators at the October 19, 1992, interface meeting.

The portable meteorological stations have been set up adjacent to the passive wells with operating anemometers (299-W18-6; 299-W15-9). Meteorological data is recorded every 15 minutes.

Well 299-W18-6 (west side of 216-Z-1A) has been instrumented to measure temperatures (five locations), windspeed, pressure, humidity, and air flow, and to record these measurements on a data logger. Continuous recording of data began October 22, 1992. Well 299-W15-9 (north side of 216-Z-9) is being similarly instrumented this week. Equipment is being acquired to record data at six other wells.

CC1, Well Field Design - The work plan for FY 93 wellfield design is scheduled for completion on November 15, 1992. The current proposal is to install eight new extraction wells this year; two of these are the crib wells which will be deepened as part of the ID/ERA site characterization; and one is the slant well to be installed at 216-Z-9.

The proposed location of the first new vapor extraction well was staked on October 16, 1992. The well is located approximately 100 ft north of the 216-Z-9 Trench.

CC1, Vapor Extraction System (VES) Operations - J. W. Green and E. J. Millikin spent the week of October 26-30, 1992, with Barnebey & Sutcliffe Corporation in Columbus, Ohio working to expedite fabrication of the 1500 cfm unit.

Comments have been received and are presently being incorporated into the specification for acquisition of the 500 cfm lease vapor extraction unit. Release of the specification is expected by October 30, 1992. Preliminary contacts with procurement have been made and a procurement schedule is currently being drawn up to delineate the tasks required and expected dates of completion.

An overall project schedule is being finalized to incorporate all activities relative to preparing for vapor extraction at the 216-Z-9 Crib with the new 500 cfm lease unit, then with the larger 1500 cfm unit; upgrade of the existing 500 cfm unit at Z-1A to 1000 cfm; use of the new lease 500 cfm unit at Z-1A/Z-18; and winterization. A letter from RL to the regulators has been submitted depicting this strategy.

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ERA WEEKLY REPORT CONTINUED

A Letter of Instruction was issued October 23, 1992, to KEH Construction Forces instructing them to fabricate a High Efficiency Particulate Air (HEPA) Filtration System and Process Control System that will be used to support the leased 500 cfm unit.

WHC Design Services has been contracted to prepare design drawings that will support construction of the HEPA Filtration System and Process Control System.

The new process control system has arrived and will be moved to the VES this week. Installation of the process control system will begin next week.

The new Odyssey order has been placed (expected arrival date November 20, 1992).

Operational Date	Disposal Facility	Amount of CCl <sub>4</sub> Removed (lb)	Average CCl <sub>4</sub> Conc. (ppm)	Total Operational Time (hr)	Average Flowrate (SCFM)
8/13 - 8/19	216-Z-1A	65	420	42	160
8/19 - 8/25	216-Z-1A	125	583	47	190
8/26 - 9/3	216-Z-1A	79.34	459	32	210
9/3 - 9/9	216-Z-1A	21.3	580	9	175
9/10 - 9/16	216-Z-1A	73.82	560	36.5	175
9/17 - 9/23	216-Z-1A	66	500	36.3	150
9/24 - 9/30	216-Z-1A	77.3	661	30	158
10/1 - 10/7	"	132.9	858	38.3	166
10/7-10/13	"	138.63	1019	44.75	136
10/15-10/21	"	140.7	924	45.5	138
10/21-10/27	"	63.0	765	24	144
Totals		1644.03*	666	385.35	148

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ERA WEEKLY REPORT CONTINUED

VOC-Arid Integrated Demonstration Operations - The PAWS test plan is complete and the field demonstration will begin October 26, 1992, and end October 30, 1992. The Principal Investigators will be testing their equipment downhole in a vadose environment.

The monitoring "snortoff" will be completed this week. - Ten vendors brought their VOC monitoring equipment to the Hanford Site for demonstration.

9 3 1 2 7 5 8 1 4 1 1

ADD TO ATTACHMENT 1, SAMPLING AND ANALYSIS PLAN

3.8 WASTE HANDLING

Waste materials generated during the sampling effort will be comprised mainly of used personal protective equipment and packaging materials. Materials which have not contacted the potentially contaminated subsurface soils will be segregated from the material which came into contact with potentially contaminated material. These potentially contaminated items will be placed in reinforced polyethylene bags, and be sealed with tape. Each bag will be labelled with the sample number associated with the sample location and will be placed in a drum for storage at the ERA site until the soil samples are analyzed. The drums will be given a unique tracking number and will be labelled with an Interim Control of Unknown, Suspected Hazardous Waste Form (IC Form). The material will be designated for waste disposal per the sample analysis results, using worst case sample results for each drum's contents. Drums will remain at the ERA site, with periodic inspections, until waste designation. Environmental Field Services will act as waste generator. Solid Waste Acceptance Services will designate the waste per analysis results.

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DON'T SAY IT --- Write It!

DATE: October 26, 1992

TO: R. K. Stewart

FROM: P. J. Valcich

Telephone: 6-6686

cc:	H. D. Downey	L4-92
	D. A. Faulk (EPA)	B5-01
	D. Goswani (Ecology)	
	G. C. Henckel	H4-55
	W. L. Johnson	H4-55
	D. D. Teel (Ecology)	
	P. J. Valcich	H4-55
	PJV File/LB	

SUBJECT: SODIUM DICHROMATE ERA EE/CA REVIEW SCHEDULE

The proposed Engineering Evaluation Cost Analysis (EE/CA) parallel review schedule (contingent on DOE-HQ approval) is:

- November 2, 1992 - Issue Public Review Alert Notice  
RL/EPA/Ecology ten day review
- November 12, 1992 - Release Sodium Dichromate EE/CA Proposal for public review
- December 14, 1992 - All comments received by close of business
- December 21, 1992 - All comments addressed  
Sodium Dichromate Proposal released
- December 22, 1992 - Issue Action Memorandum
- January 6, 1992 - If required, start cleanup activities

(Additional review planning details added by Bob Stewart:)

Draft of EE/CA would be provided for review by WHC by November 2, 1992. WHC could also provide a briefing/discussion concerning the EE/CA (this could be by tel/conf to HQ, if necessary). The EE/CA is a fairly small document; reviewers should be able to review it within a couple of days. Based on the need, RL would schedule a comment disposition meeting on November 6, with WHC, EPA and Ecology participating, and HQ participating by tel/con. All changes would be agreed-to during meeting/teleconference. Changes would then be incorporated by WHC into the EE/CA to go out for public comment by November 12.

This is a very aggressive schedule; it is made necessary by the need to accomplish field work before the nesting season for long-billed curlews (early spring) in the area. The CX states that such work will not be performed during the nesting season. If we do not perform the parallel, aggressive review, field work would be delayed until after the nesting season.

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