

START

MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution BUILDING: 450 Hills

FROM: W. L. Johnson *W.L. Johnson* CHAIRMAN: W. L. Johnson

Dept-Operation-Component	Area	Shift	Meeting Date	Number Attending
Environmental Engineering	3000	Day	July 27, 1992	7

Distribution:

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

*Attendees

The weekly interface meeting on the Expedited Response Actions (ERAs) was held to status the ERAs for the U.S. Department of Energy Field Office, Richland 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.

All projects were discussed and their status summarized. Copies of the near term CCL₄ ERA production and operation schedule were provided. The EPA was informed the cylinder at 618-9 will be vented on July 28, 1992. EPA stated they had no issues with the venting plan. Draft copies of the North Slope Project Plan was provided to the regulators for their preliminary review.

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report
5. CCL₄ Operations Schedule



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WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS
DATE: July 27, 1992

- GENERAL ISSUES
 - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
 - 618-9 Burial Ground
 - o Waste dispositioning activities
 - Debris being dispositioned
 - Canister venting scheduled for this week
 - 316-5 Process Trenches
 - o Final report is being revised and will be issued by July 31, 1992.
 - 200-W Carbon Tetrachloride
 - o Site characterization status - finishing well drilling
 - o Operations status (schedule)
 - o Procurement & design activities for next two units
 - o Integrated demonstration activities - cone penetrometer work
 - Wahluke Slope
 - o Project plan and SAPs ready for regulatory review, safety analysis ongoing, NEPA under development
 - Sodium Dichromate
 - o Project plan (SAP) submitted
 - o Safety analysis ongoing, NEPA under development
 - o GPR scheduled for this week
 - Riverland
 - o Planning underway
 - o NEPA may prohibit site characterization this FY
 - Pickling Acid Crib
 - o Planning underway
 - o Cone work not feasible (due to schedule) SAP under development
 - 618-11 Burial Ground
 - o EPA's proposed schedule
 - N-Spring
 - o Internal discussions ongoing
- OTHER ISSUES
 - Media event
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
July 27, 1992

ORGANIZATION

ACTION ITEM

WHC

WHC will prepare an outline detailing proposed activities, technical issues, and schedules for the 618-11 Burial Ground. This outline will be presented at an upcoming ERA interface meeting. (open)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
July 27, 1992

DECISIONS:

AGREEMENTS:

Nothing of any significance.

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

W. H. C. 7/27/92

WHC Representative

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Weekly Report, Week Ending July 24, 1992
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

618-9 Burial Ground Expedited Response Action - The plan for venting the abandoned cylinder (WHC-SD-EN-AP-100) has been approved and released. Cylinder venting is scheduled on July 28, 1992, pending RL security approval.

316-5 Process Trench Expedited Response Action - The final report is being prepared for compliance with the July 31, 1992, milestone M-17-06-D.

200 West Area Carbon Tetrachloride Expedited Response Action and Arid Site - Field testing of the Point Soil-gas and Saturated-zone Sampling and Testing (PSSST) Device was successfully conducted in borehole 299-W18-249 on July 16, 1992, (100 ft) and July 21, 1992, (131 ft). Soil gas samples were also collected at these intervals using the SEAMIST. The last field test of the SEAMIST is scheduled for July 22, 1992, at 146.7 ft in this same borehole.

Demonstration of the cone penetrometer is currently ongoing across the Hanford site. This technology "pushes" a rod into the ground with a tip that is equipped with various characterization capabilities.

The final draft of the integrated test plan for steam reformation of granulated activated carbon is out for signatures. As part of this field demonstration, carbon tetrachloride will be loaded onto granulated activated carbon for regeneration by steam reformation.

Drilling of ID borehole 299-W18-249 (north side of 216-Z-18 Crib) reached total depth (146.7 ft) on July 21, 1992. Completion activities will begin July 22, 1992.

Information was received from the low bidder for the Vapor Extraction System (VES) procurement with which to complete the technical evaluation and determine whether they are responsive.

VES operations (and loading of the Radon Test canisters) continues. The VES operated 25 hours during this report period, extracting from wells 158 and 175, in Z-1A. Two additional wells were connected and extracted on July 22, 1992, (wells 163 and 159, lower intervals). Flows ranged from 99 - 163 cfm, vacuum ranged from 95 - 112 inches of water, the CCl_4 concentration ranged from 275 - 554 ppm. This results in approximately 30.1 lbs CCl_4 removed.

A new signal conditioner has been ordered for the CCl_4 monitor.

Planning, training and procurement activities necessary for increased CCl_4 removal rates are being aggressively pursued. Increased removal rates will be in a phased approach by increasing operating time to 12 hours at existing rates (approximately 100 cfm) on August 10, 1992, followed by increased rates on August 31, 1992, then followed by 24 hour operations at optimum rates on September 21, 1992. The latter phase is predicated on installation of a new process controller which is the critical path item.

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A trailer is being relocated from the 300 Area to provide adequate space for training and increased operations, and plans are to install a HLAN drop for increased communications at the site.

North Slope Expedited Response Action - The project plan has been transmitted to RL and the regulatory agencies for review. The draft military landfill sampling plan has been reviewed by WHC and comments are being incorporated.

The NEPA categorical exclusion request is being reviewed by RL. The U.S. Fish and Wildlife Service and the Washington State Department of Ecology were contacted and informed of the proposed activities. The agencies indicated that nesting activities of sensitive bird species should be over and will not be impacted by the planned activities.

Geophysical surveys will be conducted at three military landfills beginning July 27, 1992. Survey results will be used to determine specific sampling locations. Sub-surface sampling will be obtained using the Cone Penetrometer beginning August 5, 1992.

A cultural resource review of the North Slope waste site has been initiated. PNL has indicated that approval to proceed with investigative activities at the military sites is forthcoming with an additional more exhaustive review of proposed cleanup activities for the homestead locations.

Safety assessments covering the sampling activities are being prepared and should be approved in time to begin field activities as scheduled.

Pickling Acid Crib Expedited Response Action - The CAP and project plans are under preparation.

Riverland Railroad Site Expedited Response Action - The NEPA categorical exclusion may not be finalized this FY. If the normal processing time for a request is followed, field characterization activity will not be conducted this FY. Legal has been contacted to resolve horse grazing issue before field activities begin.

Sodium Dichromate Expedited Response Action - The project plan was transmitted to the regulators for review. Surface debris (41 crushed barrels) were collected and consolidated at the site. Field screening of the soil under the barrels indicates that Cr (total and +6) is less than 1 ppm. Barrel removal allows installation of a revised grid pattern for additional geophysical surveying to better define previously identified subsurface anomalies.

618-11 Burial Ground Expedited Response Action - Planning for next years activities is under development.

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CARBON TETRACHLORIDE ERA PROJECT SCHEDULE

1992					1993		
Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb

PHASE I

OPERATE SYSTEM AT 100 CFM - 12 HOURS

- MOVE CAM SAMPLING POINT (GALE/COFFMAN)
- PROCURE AND INSTALL COOLING FAN FOR MOTOR (FISLEIN)
- SUPPORT PERSONNEL
- IDENTIFY & OBTAIN CONCURRENCE FOR NEC. PERSONNEL (MOAKA/AGOODY/GREEN)
- TRAIN PERSONNEL (GALE/COFFMAN)

- OBTAIN DEDICATED VEHICLE (AGOODY)
- OPERATE SYSTEM AT 100 CFM-12 HOURS

OPERATE SYSTEM AT 600 CFM - 12 HOURS

- *PROCURE & INST COOLERS & MANIFOLD VACUUM BLOWERS (GREEN)
- PROCURE & INST BLACK BOX FO CCI(4) MONITORS (GREEN/FISLEIN)
- PROCURE SPARE CCI4 MONITORS (3) (FISLEIN)
- PROCURE & INST REPLACEMENT FLOWMETERS (FISLEIN)
- PROCURE SPARE VACUUM BLOWER MOTOR (FISLEIN)
- PROCURE THIEF SAMPLER (GREEN/SMERMAN)
- ORGANIZE CANISTER STORAGE AREA (GALE/COFFMAN)
- *OPERATE SYSTEM AT 600 CFM - 12 HOURS

OPERATE SYSTEM AT 100 - 600 CFM - 24 HOURS

- DEVELOP/REVISE PROJECT DOCUMENTATION
- REVISE WHC-SD-EN-TI-010 (GREEN)
- SAFETY ASSESSMENT DECISION (KENIVHES)
- REVISE RWP MILLIKIN
- REVISE HWOP - COMPLETE
- DEVELOP WEEKLY OPERATIONAL CHECKLIST (GALE)
- FORMAL APPROVAL FROM WHC OVERVIEW GROUPS TO PROCEED (GREEN)

EQUIPMENT/MATERIAL

- PROCURE/INST/TRAIN PERSON. OPERATE PROCESS CTRL SYS (FISLEIN)
- PROCURE SPARE BLOWER/BEARINGS (GALE/COFFMAN)
- PROCURE SPARE INSTRUMENTATION (GREEN/FISLEIN)
- INSTALLATION OF HLAN DROP MILLIKIN

REGULATORY/DOE NOTIFICATION

- FORMAL NOTIFICATION TO REGULATORY AGENCIES (GREEN)

SITE PREPARATION ACTIVITIES

- CENTRALIZE APRIL RESPONSE KIT (GALE/COFFMAN)
- DOCUMENT ROUTINE PERSONAL MONIT PROG (TUTTLE/MILLIKIN)

WELL-FIELD MONITORING

- DOCUMENT REVISIONS NECESSARY (MOAK)

SUPPORT PERSONNEL

- IDENTIFY NUMBER OF REQUIRED PEOPLE (GREEN/MOAK)
- TASK ORDER PERSONNEL (MILLIKIN)
- TRAIN SUPPORT PERSONNEL (GALE/COFFMAN)

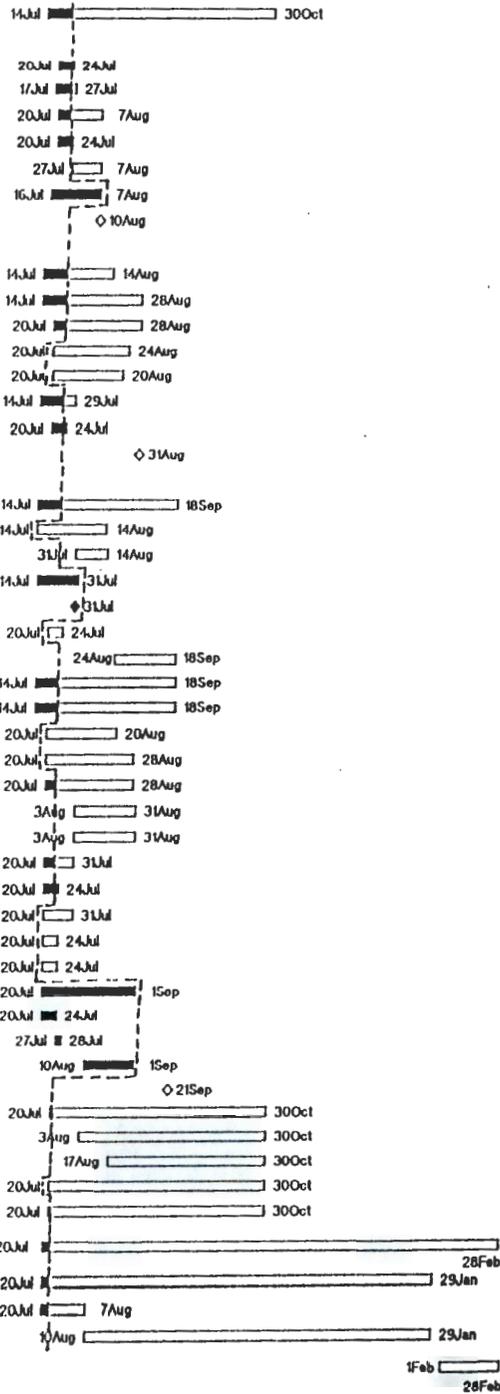
OPERATE SYSTEM AT 100-500 CFM - 24 HOURS

WINTERIZE OPERATING SYSTEM

- PROCURE AND INSTALL HOSE HEATER (PETERS)
- PROCURE AND INSTALL PRE-HEPA HEATER (FISLEIN)
- INSULATE SYSTEM (PETERS)
- PROCURE AND INSTALL CCI(4) HOUSING (COFFMAN)

PHASE II PREPARATION ACTIVITIES

- PROCUREMENT AND RECEIPT OF EQUIPMENT (GREEN)
- AWARD CONTRACT (GREEN)
- PROCURE SYSTEMS (GREEN)
- PERFORM OPERATIONAL ATP/OTP (GREEN/GALD)



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