

## MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 2440 Stevens Center

FROM: W. L. Johnson

CHAIRMAN: <sup>ax</sup>W. L. Johnson <sup>Co</sup>

Dept-Operation-Component	Area	Shift	Meeting Dates	Number Attending
Environmental Engineering	RCHN	Day	1/31/94	7

### Distribution

State of Washington Department of Ecology

- J. Donnelly\*
- G. Freedman\*
- D. Goswami
- D. Holland
- J. Phillips
- C. Poindexter
- P. Statts
- D. D. Teel
- N. Uziemblo
- J. Yoke1
- T. Wooley\*

U.S. Army Corps of Engineers

- W. D. Perro A5-19
- M. D. Mahoney\* A5-19

U.S. Department of Energy

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

U.S. Environmental Protection Agency

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

Westinghouse Hanford Company

- M. R. Adams H6-01
- L. D. Arnold B2-35
- M. V. Berriochoa B3-30
- A. S. Carlson B3-35
- H. D. Downey H6-27
- W. F. Heine B3-63
- G. C. Henckel H6-04
- W. L. Johnson\* H6-04
- R. R. Lehrschall H4-67
- J. K. Patterson H6-27
- D. L. Sickle H6-27
- T. M. Wintczak H6-27
- EPIC H6-08
- ERAG Route H6-04
- WLJ File



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\*Attendees

The monthly interface meetings on the expedited response actions (ERAs) was held to status the ERAs for the U.S. Department of Energy, Richland Operations Office, the U.S. Environmental Protection Agency, and the State of Washington Department of Ecology. The meeting was conducted in accordance with the attached agenda.

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Based on the monthly format of these meetings and the reduction in overall ERA activities it was suggested that these meetings be held in conjunction with the appropriate Unit Managers Meetings. WHC/RL will prepare a letter to the regulators on this issue. This change is also consistent with WHC's recent reorganization and reassignment of personnel. The two open action items will be transferred to the Unit Managers Meeting action item list and will be tracked there.

Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Reports, period ending 12/24/93, & 1/28/94

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## WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: January 31, 1994

- GENERAL ISSUES
  - ERA Interface Action Item Review
- INDIVIDUAL PROJECT STATUS
  - Riverland, Sodium Dichromate, Pickling Acid Crib
    - Status of integrated schedule for the above projects
  - N-Springs
    - ERA Proposal status
  - North Slope
    - ERA Proposal status
  - 200-W Carbon Tetrachloride
    - Operational status
  - Riverland Pipelines
    - EE/CA status
- OTHER ISSUES
  - WHC reorganization/shift of responsibilities
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-  
January 31, 1994

ORGANIZATION

ACTION ITEM

RL/WHC

RL to provide a brief description on the plan to transition the CCl<sub>4</sub> ERA into an IRM. Included in this plan will be any discussion of alternate treatment technologies (i.e. condensers). (open)

WHC

WHC will prepare a briefing on the Operational Readiness Review requirements for Environmental Restoration field activities. Briefing is scheduled for the next unit managers meeting in February. (closed)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-  
January 31, 1994

DECISIONS:

AGREEMENTS:

*Nothing of significance.*

COMMITMENTS:

\_\_\_\_\_  
RL Representative

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

\_\_\_\_\_  
Ecology Representative

*WJL* 1/31/94  
\_\_\_\_\_  
WHC Representative

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Weekly Report, Period Ending December 24, 1993  
EXPEDITED RESPONSE ACTIONS  
Technical and Management Contact - Wayne L. Johnson, 376-1721  
Environmental Division

North Slope Expedited Response Action - ERA proposal is currently undergoing public review.

N-Springs Expedited Response Action - Regulatory comments are currently being addressed and the ERA proposal is being modified.

White Bluffs Pickling Acid Crib Expedited Response Action - Risk assessment is being prepared for the final ERA report.

618-11 Burial Ground Expedited Response Action - ERA project records have been organized and transferred to recordkeeping for future reference. A closeout meeting was held November 22, 1993 to address a subset of EPA and Ecology comments on the draft EE/CA. Hazards from potential site releases will be addressed per a consolidated 300 Area RI/FS consistent with recent TPA negotiations.

Riverland Expedited Response Action - All hazardous waste has been shipped from the operable unit. The ACE Ordnance group has toured the site.

Sodium Dichromate Expedited Response Action - The draft no further action proposed plan is complete and is undergoing internal review.

200 West Area Carbon Tetrachloride Expedited Response Action -

1,000 cfm VES Operations (216-Z-1A/Z-18) - Initial operations of the 1,000 cfm VES began with re-characterization of the available extraction wells to compare extraction rates and  $CCl_4$  concentrations to prior-to-shutdown values. Also, the incoming vapor stream from each well was sampled for organic compounds and results indicated nothing out of the ordinary in the contaminants present or their concentration levels. Full scale extraction was initiated on November 18, 1993 from ten extraction wells.

Winterization (heat tracing manifolds) was successfully completed this past week. A new 486 process control computer was installed to replace the old one that had a defective clock that is essential for trending analysis of the process control data.

Construction work to install a fenced storage area at the site was started the first week of December. The area is currently undergoing extensive grading, gravel filling, and compaction that have markedly improved the site's appearance and accessibility.

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500 and 1,500 cfm VES Operations (216-Z-9) - The 500 and 1,500 cfm VES units located at the 216-Z-9 site remain shutdown as a result of the GAC overheating event that occurred June 3, 1993. Preparations are being made to restart the units by February 1, 1993. The extended delay for restart of these units is due to the need to revise safety documentation and operating procedures to reflect the establishment of a safe inlet  $CCl_4$  concentration that will reduce the likelihood of another GAC overheating problem. The safe operating limit has been established at 10,000 ppm  $CCl_4$  and is based on extensive bench scale studies and analyses that have been completed during the shutdown period. The results of these analyses have been compiled into the report "Summary of Granular Activated Carbon (GAC) Canister Overheating Incident at the Carbon Tetrachloride Expedited Response Action Site", WHC-SD-EN-TI-203, Rev. 0, which will be issued in January, 1994.

A contract is being finalized with Johnson-Yokagawa Corporation to provide process control programming services that will allow for the integration of on-line  $CCl_4$  monitoring instruments into the current process control system of the 1,500 cfm unit. Completion of this engineering task will allow the unit to operate safely in an unmanned, continuous operation mode.

Two remaining variable frequency drives (VFD) are presently being installed on the other two blowers of the 1,500 cfm unit. The VFDs are a requirement of the purchase contract negotiated to give the blower units the additional speed required to provide the specified system vacuum of 10" Hg.

**$CCl_4$  Extraction Data**

WEEKLY $CCl_4$ EXTRACTION TABLE					
Operational Period	VES System	Avg. Flow (scfm)	Avg. Conc. (ppmv)	Total Time (hrs)	Total $CCl_4$ Extracted
11/15 - 12/10	500 cfm				
	1000 cfm	660	240	69.75	231 lb (105 kg)
	1500 cfm				
1993 Total to Date					7634 lb (3465 kg)
1992 Total					2111 lb (958 kg)
TOTAL					9735 lb (4425 kg)

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**CCl<sub>4</sub> Monitor Integration** - Engineering guidance discussing options and suggested methods for integrating the Bruel and Kjaer CCl<sub>4</sub> gas monitor into the process control system of the 1,500 cfm VES is scheduled for completion by December 31, 1993.

**Final Performance Testing of the 1,500 cfm VES** - EBASCO Services will provide the test plan and assist in the final performance testing of the Variable Frequency Drives currently being installed on the 1,500 cfm unit. Testing is scheduled for the last week of December.

**Well Field Design** - The Tracer gas test, being conducted for WHC by Washington State University, progress report for the passive extraction test during was received. A second test is planned for active extraction conditions.

**100 Area River Pipelines Expedited Response Action** - Received Cultural Resource release letter from PNL. Project scoping underway.

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Weekly Report, Period Ending January 28, 1994  
**EXPEDITED RESPONSE ACTIONS**  
 Technical and Management Contact - Wayne L. Johnson, 376-1721  
 Environmental Division

North Slope Expedited Response Action - ERA proposal has completed public review. Document is undergoing final editing.

N-Springs Expedited Response Action - Regulatory comments have been addressed and the ERA proposal is being modified for public review.

White Bluffs Pickling Acid Crib Expedited Response Action - Risk assessment has been prepared and is being incorporated into the final ERA report.

Riverland Expedited Response Action - Final report is in preparation.

Sodium Dichromate Expedited Response Action - Final documentation is in preparation.

100 Area River Pipelines Expedited Response Action - Project scoping underway.

200 West Area Carbon Tetrachloride Expedited Response Action - Routine daily operations of the 1000 cfm system continue with no major problems. The major portion of the winterization activities have been completed. The systems at Z-9 are anticipated to be ready for well field characterization beginning February 1, 1994, pending completion of administrative actions. The table below provides summary production data.

WEEKLY CCL <sub>4</sub> EXTRACTION TABLE					
Operational Period	VES System	Avg. Flow (scfm)	Avg. Conc. (ppmv)	Total Time (hrs)	Total CCl <sub>4</sub> Extracted
12/10/93 - 1/21/94	500 cfm	--	--	--	--
	1000 cfm	706	335	158.5	819 lb (374 kg)
	1500 cfm	--	--	--	--
1994 Total to Date					521 lb (237 kg)
1993 Total					7932 lb (3605 kg)
1992 Total					2111 lb (958 kg)
TOTAL					10,564 lb (4800 kg)

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