

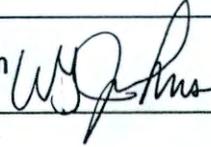
## MEETING MINUTES

Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 450 Hills

FROM: W. L. Johnson



CHAIRMAN: W. L. Johnson

Dept-Operation-Component	Area	Shift	Meeting Date	Number Attending
Environmental Engineering	3000	Day	June 1, 1992	7

### Distribution:

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

### \*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 five projects were discussed and their status summarized. A sketch of the riverland site was provided. In addition, the well construction details of well 299-W15-216 was also provided. Copies of the 316-5 Process Trenches final report were distributed for review.

### Attachments:

1. Agenda
2. Action Item List
3. Decisions, Agreements & Commitments
4. Expedited Response Action Weekly Report
5. Riverland Sketch
6. Telecon for Borehole 299-W15-216



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WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: June 1, 1992

- GENERAL ISSUES
  - ERA Interface Action Item review
- INDIVIDUAL PROJECT STATUS
  - 618-9 Burial Ground
    - o Waste dispositioning activities
      - letter to DOE-HQ, awaiting response
    - o Project wrap-up
      - canister issue
      - backfilling trench
  - 316-5 Process Trenches
    - o Final report drafted
  - 200-W Carbon Tetrachloride
    - o Site characterization status
    - o Operations status (GAC canister procurement)
    - o Procurement & design activities for next two units
    - o Integrated demonstration activities
  - North Slope
    - o Project plan (SAP) WHC first draft 6/16/92, safety analysis ongoing, NEPA under development (nesting site issue)
    - o UST issue
  - Sodium Dichromate
    - o Project plan (SAP), safety analysis ongoing, NEPA under development
    - o GRP preps
- OTHER ISSUES
  - Riverland location map
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-  
June 1, 1992

ORGANIZATION

ACTION ITEM

WHC

WHC will issue a press release on the 618-9 Burial Ground ERA within 30 days after the decision is made on how the waste will be dispositioned. (open) *Draft is in preparation.*

WHC

WHC and RL will formally provide EPA and Ecology with a copy of the Integrated Demonstration Site Characterization Plan. (open) *Will be provided by next week.*

EPA/Ecology

EPA and Ecology will determine what approvals are necessary to explode the top of the recovered gas cylinder at the 618-9 Burial Ground Site. (closed) *See action below.*

WHC

WHC will provide supplemental information on how the gas cylinder will be opened. (closed) *See action below.*

WHC

WHC will provide a proposal for reporting  $CCl_4$  production data (i.e. what items, formats, frequency, etc.). (open) *Will be provided on 6/8/92.*

WHC

WHC will draft a letter describing the site preparation, GPR, and waste storage activities for the Sodium Dichromate Site. (open)

WHC

WHC/RL will prepare a letter to EPA and Ecology describing the approach to be taken for the gas cylinder. (open)

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-  
June 1, 1992

DECISIONS:

AGREEMENTS:

*Nothing of significance*

COMMITMENTS:

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

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

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

*W. Johnson 6/2/92*  
\_\_\_\_\_  
WRC Representative

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Weekly Report, Week Ending May 29, 1992  
EXPEDITED RESPONSE ACTIONS  
Technical and Management Contact - Wayne L. Johnson, 376-1721  
Environmental Division

618-9 Burial Ground Expedited Response Action - Shipment of uranium contaminated solvent will occur as soon as an exemption from the DOE Order 5820.2A for "off-site disposal" of low level wastes is approved. The issue revolves around the fact that .36 grams of natural uranium will remain at an off-site facility following the incineration of the hexone. This issue has been ongoing for nearly two months.

316-5 Process Trench Expedited Response Action - The final draft data validation report was received on May 29, 1992. The Draft A ERA report has been duplicated and will be distributed by June 1, 1992.

200 West Area Carbon Tetrachloride Expedited Response Action and Arid Site - Completion of ERA well 299-W18-246 (west of 216-Z-1A) is on hold while the completion crew finishes a well in the 100 B/C Area. Completion activities may begin at W18-246 next week. Cable-tool drilling of ID characterization borehole 299-W18-248 (east of 216-Z-1A by well 299-W18-7) reached 101 feet on May 20, 1992. Cable-tool drilling of the third ERA characterization well, 299-W15-216 (southeast of 216-Z-9 trench) began May 14, 1992, and had reached a depth of 50 feet by May 20, 1992. Both biological treatment wells have been developed. Water samples were collected from well 299-W11-30 using the pump installed for aquifer testing. An aquifer test will be conducted this week.

Extraction of carbon tetrachloride is continuing at 216-Z-18 Crib, at 100 cfm and 120 ppm.

Bids were due on May 13, 1992, for procurement of the new VES units. However, only two bidders were known to be submitting bids. An extension to May 26, 1992, was granted and five bids have been submitted.

The GAC contract has not been awarded yet. The latest word is to expect award by June 1, 1992.

North Slope Expedited Response Action - Approval to proceed with an expedited response action at the north slope waste sites has been obtained. Preparation of the Project Plan continues. The plan will propose the use of field screening analytical methods in support of the development of the engineering evaluation/cost assessment. A portion of the samples will be analyzed by level IV methods for verification of the screening analysis.

A categorical exclusion has been obtained for characterization work in the 100-IU-3 Operable Unit. However, this exclusion states that no work be conducted in environmentally sensitive areas and a significant portion of the North Slope has been designated as a wildlife refuge and is utilized by the Ferruginous Hawk, Loggerhead Shrike and the Long Billed Curlew for nesting activities. PNL graduate students have been tasked with mapping the locations of active nesting sites. It must be shown that the ERA activities will have no adverse impacts on these species as well as other sensitive environs located at the North Slope. Based upon the results of the nest mapping

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activities, ERA characterization activities may have to be scheduled after the hatchlings have fledged.

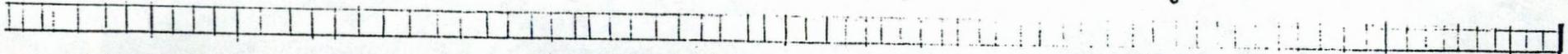
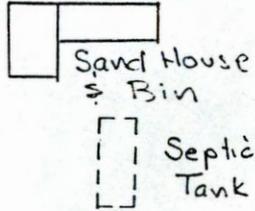
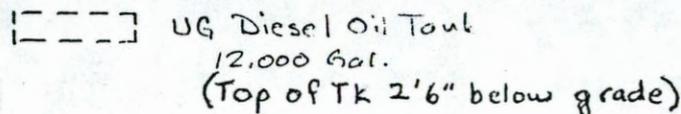
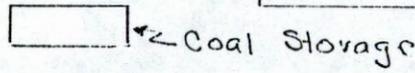
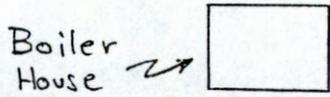
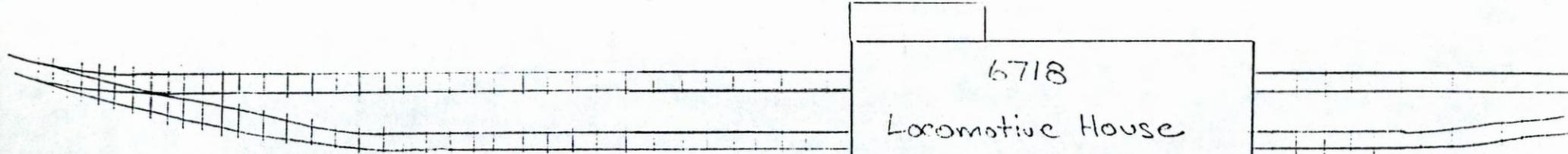
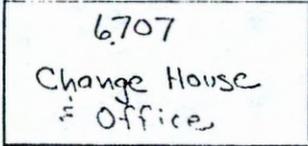
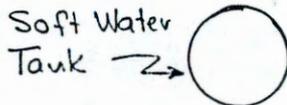
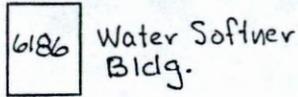
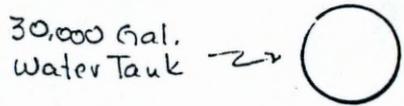
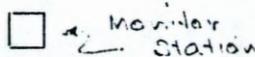
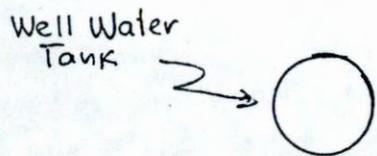
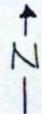
An attempt to locate potential underground storage tanks at the NIKE missile bases utilizing an infrared camera was made. The infrared survey resulted in no positive identifications. A metal detector will now be utilized to confirm these results.

Sodium Dichromate Expedited Response Action - Approval to proceed with an Expedited Response Action at the Sodium Dichromate Site has been obtained from the regulators. Preparation of a project plan has been initiated. Planning is underway to initiate the geophysical investigations.

Physical Separations Treatability Test - Per direction from RL, proposals were sent on May 21, 1992, to PNL for review. A meeting was held May 26, 1992, to discuss concerns by PNL regarding proposal evaluations. As of May 28, 1992, the technical evaluation had not yet started. PNL is writing a contract letter to RL for approval and intends to start the review on Monday June 1, 1992.

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Wayne



Westinghouse Hanford Company  
A subsidiary of Westinghouse Electric Corporation  
P.O. Box 1970 Richland, WA 99352

TELEPHONE CONFERENCE MEMORANDUM

INCOMING       OUTGOING

DATE May 28, 1992      TIME 4:20 pm

WITH Doug Sherwood      OF EPA      PHONE 376-9529

WITH \_\_\_\_\_ OF \_\_\_\_\_ PHONE \_\_\_\_\_

COPIES TO:	<u>Chuck Cline (Ecology)</u>	<u>Mike Hagood (WHC)</u>
	<u>Julie Erickson (DOE-RL)</u>	<u>Don Moak (WHC)</u>
	<u>Karl Fecht (WHC)</u>	<u>Virginia King (WHC)</u>
	<u>Joe Jimenez (WHC)</u>	

SUBJECT: Approval to Proceed with Drilling at Expedited Response Action Borehole 299-W15-216

WHC Geosciences

DEPARTMENT

Virginia Rohay

SIGNATURE

*Virginia Rohay*

376-5507

TELEPHONE NUMBER

SUMMARY OF CONFERENCE

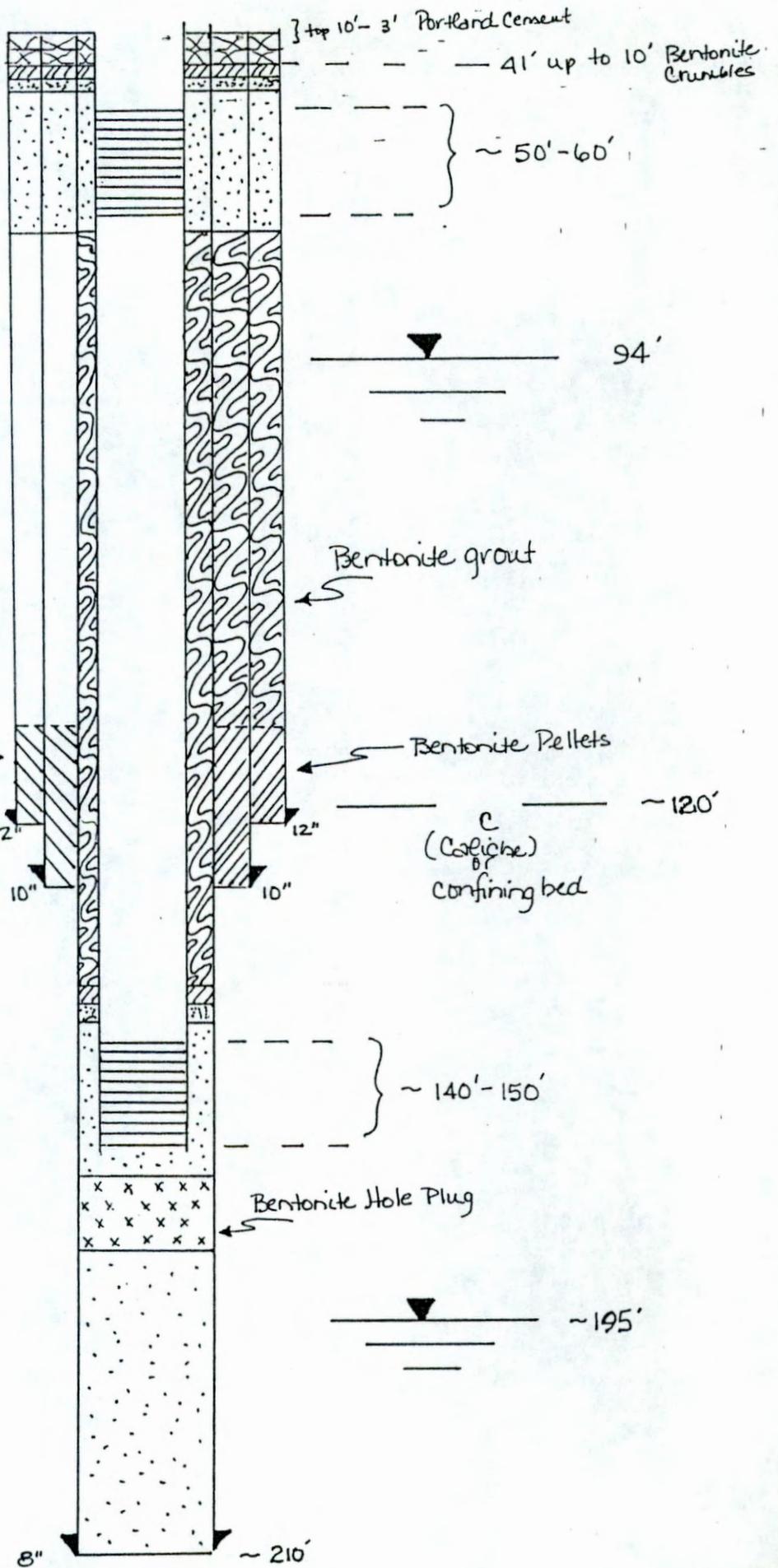
I called Doug Sherwood on the afternoon of May 28, 1992 to ask his advice on how to proceed at well 299-W15-216, where a possible zone of perched water was encountered at 97 ft depth that morning. I told Doug that we planned to drill down with 12-in casing to the confining layer, drive 10-in casing two feet below that, and seal with bentonite. We plan to continue drilling to TD with 8-in casing. After conferring with Chuck Cline, Doug called me back to give me their verbal approval to proceed with drilling at 299-W15-216 according to our plan. He said they would like to receive a copy of a schematic drawing showing our intended well construction. We agreed that this material would be provided at the regular Monday morning interface meeting.

921257921188



299-W15-216  
5/28/92

92125792



We will drill down with the 12" casing just barely into the confining layer; then we will drill down with the 10" casing 2' into the confining layer and seal with Bentonite pellets. We will continue to TD with 8" casing.

Bentonite  
C  
(Caliche)  
or  
Confining  
bed

Bentonite grout

Bentonite Pellets

C  
(Caliche)  
or  
Confining  
bed

Bentonite Hole Plug

Drilling ↗

Completion ↖

Not to scale