

MEETING MINUTES

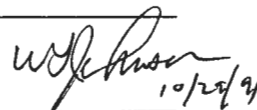
Subject: Expedited Response Action Weekly Interface

TO: Distribution

BUILDING: 450 Hills

FROM: W. L. Johnson

CHAIRMAN: W. L. Johnson


10/28/91

Dept-Operation-Component	Area	Shift	Meeting Date	Number Attending
Environmental Engineering	3000	Day	October 28, 1991	9

Distribution:

M. R. Adams	H4-55	P. S. Innis*	B5-01
M. V. Berriochoa*	B3-30	R. E. Lerch	B2-35
L. C. Brown	H4-51	D. R. Sherwood	B5-01
P. T. Day	B5-01	R. K. Stewart*	A5-19
H. D. Downey*	L4-92	D. D. Teel*	fax
D. R. Einan*	B5-01	T. M. Wintczak	L4-92
J. K. Erickson	A5-19	EDMC	H4-22
L. Goldstein	fax	EERAS Route	
W. F. Heine*	B2-35	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 three projects were discussed, and their status is summarized in the attached weekly report.

WHC presented the most recent groundwater monitoring information associated with wells near the 618-9 Burial Ground, the presentation also included a brief description of future monitoring activities. The presentation is included as an attachment.

Attachments:

1. Agenda
2. Action Item List
3. Weekly Report
4. Decisions, Agreements & Commitments
5. Presentation on groundwater monitoring activities near the 618-9 Burial Ground.



WEEKLY ERA INTERFACE AGENDA

SUBJECT: STATUS OF THE EXPEDITED RESPONSE ACTIONS

DATE: October 28, 1991

- GENERAL ISSUES
 - Action Item Review
- INDIVIDUAL PROJECT STATUS
 - 618-9 Burial Ground
 - o ERA Proposal.
 - o Waste Dispositioning Activities.
 - o Groundwater Monitoring Activities.
 - 316-5 Process Trenches
 - o Field Status.
 - 200-W Carbon Tetrachloride
 - o ERA Proposal Status.
 - o Phase 2 Site Characterization Plan Status.
 - o Off-Site Waste Shipment Letter to DOE-HQ.
 - o Procurement & Design Activities.
- OTHER ISSUES
- SUMMARY OF ACTION ITEMS
- SIGN-OFF ON ANY DECISIONS, AGREEMENTS, OR COMMITMENTS

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-ACTION ITEMS-
October 28, 1991

ORGANIZATION

ACTION ITEM

WHC

WHC will issue a press release on the 618-9 Burial Ground ERA after the decision is made on how the waste will be dispositioned. (open)

WHC

WHC Environmental Engineering will contact Mr. T. B. Veneziano regarding consistency in sending TPA documents out for public review. (closed) *Mr. Veneziano was contacted and is looking into this issue.*

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Weekly Report, Week Ending October 25, 1991
EXPEDITED RESPONSE ACTIONS
Technical and Management Contact - Wayne L. Johnson, 376-1721
Environmental Division

618-9 BURIAL GROUND EXPEDITED RESPONSE ACTION - A letter was prepared requesting the U.S. Department of Energy Field Office, Richland's Procurement Department to approve the use of the existing hexone disposal contract for the 618-9 Burial Ground liquid waste. If approved, the liquid waste would be shipped off-site for incineration in mid-November.

The radio-assay procedure from PNL has been received and is being reviewed by Quality Assurance. Following approval, the burial boxes will be assayed to allow their shipment to the low-level waste burial grounds.

316-5 PROCESS TRENCH EXPEDITED RESPONSE ACTION - Field work at the 316-5 Process Trenches is essentially complete. Data validation is proceeding. Awaiting approval of the assay procedure required to dispose of waste at the burial grounds. Final Ultra Sonic Ranging and Detection System radiation survey has been initiated.

200 WEST CARBON TETRACHLORIDE EXPEDITED RESPONSE ACTION - The ERA Phase II work plan is presently being reviewed by EPA/Ecology. However, EPA/Ecology have allowed non-intrusive characterization to proceed prior to their approval. Comments were received from DOE-HQ.

EPA and WDOE have completed an initial review of the Draft B Expedited Response Action Proposal (EE/CA & EA) for the 200 West Area Carbon Tetrachloride Plume. As the lead regulatory agency, EPA approved this proposal for public comment. This is a major accomplishment. As stated in the letter:

"EPA and Ecology recognize that considerable effort was expended to address our Draft A comments. Revisions to the Draft A Proposal addressed all of the major concerns of EPA and Ecology in a thorough and complete manner. In addition, the Draft B ERA Proposal contains all of the supporting information necessary to provide the public with a basic understanding of the action to be taken and its long-term environmental benefit."

The document will be issued for public review next week.

A letter on the waste disposal issue (for the carbon canisters) has been sent to DOE-HQ, where it is presently being reviewed.

The design philosophy for the VES is presently being reviewed. The philosophy describes how the Vapor Extraction System design is controlled using supporting documents as the basis.

The existing blower trailer is being modified for future use. The radon detection equipment purchase requisition has been awarded. The HEPA housing for the upgrade system is expected to be delivered on time. Kaiser has been contacted to fabricate the HEPA trailer and upgrade the existing power hookup. The design on Z-1a well field is completed.

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EXPEDITED RESPONSE ACTION INTERFACE MEETING

-DECISIONS, AGREEMENTS, & COMMITMENTS-
October 28, 1991

DECISIONS:

AGREEMENTS:

Nothing of any significance.

COMMITMENTS:

DOE Representative

EPA Representative

ECOLOGY Representative

WJ Johnson 10/28/91

WIC Representative

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- **GROUNDWATER BENEATH THE 618-9 BURIAL GROUND IS MONITORED THROUGH WELLS:**

399-8-4	(9/79)
399-8-2	(5/50)
399-8-1	(4/50)
399-6-1	(5/50)

- **ALL GROUNDWATER WELLS HAVE BEEN SAMPLED FOR RADIONUCLIDES, NITRATES, PHOSPHATES**
- **VOLATILE ORGANIC CONSTITUENTS WERE DETECTED FROM 1985 TO 1988**

TOTAL ORGANIC HALOGEN (399-8-1, 399-8-2)
1,1,1 TRICHLOROMETHANE (399-8-2)
METHYLENE CHLORIDE (399-8-2)
TETRACHLOROETHYLENE (399-8-2)

- **MOST RECENT SAMPLE ANALYSIS FROM GROUNDWATER WELL 399-8-2 ONLY DETECTED TOTAL ORGANIC HALOGEN ABOVE CONTRACTUAL LIMIT**
- **ALL OF THE GROUNDWATER WELLS WILL BE EVALUATED IN THE 300-FF-5 RI/FS**
- **GROUNDWATER SAMPLING UNDER 300-FF-5 RI/FS WILL BEGIN IN MID-DECEMBER**

SAMPLES WILL BE COLLECTED ONCE A QUARTER FOR FOUR QUARTERS

SAMPLES WILL BE ANALYZED TO THE TARGET COMPOUND LIST IDENTIFIED IN THE 300-FF-5 RI/FS WORK PLAN (INCLUDES COMPLETED SUITE OF VOLATILE ORGANICS)

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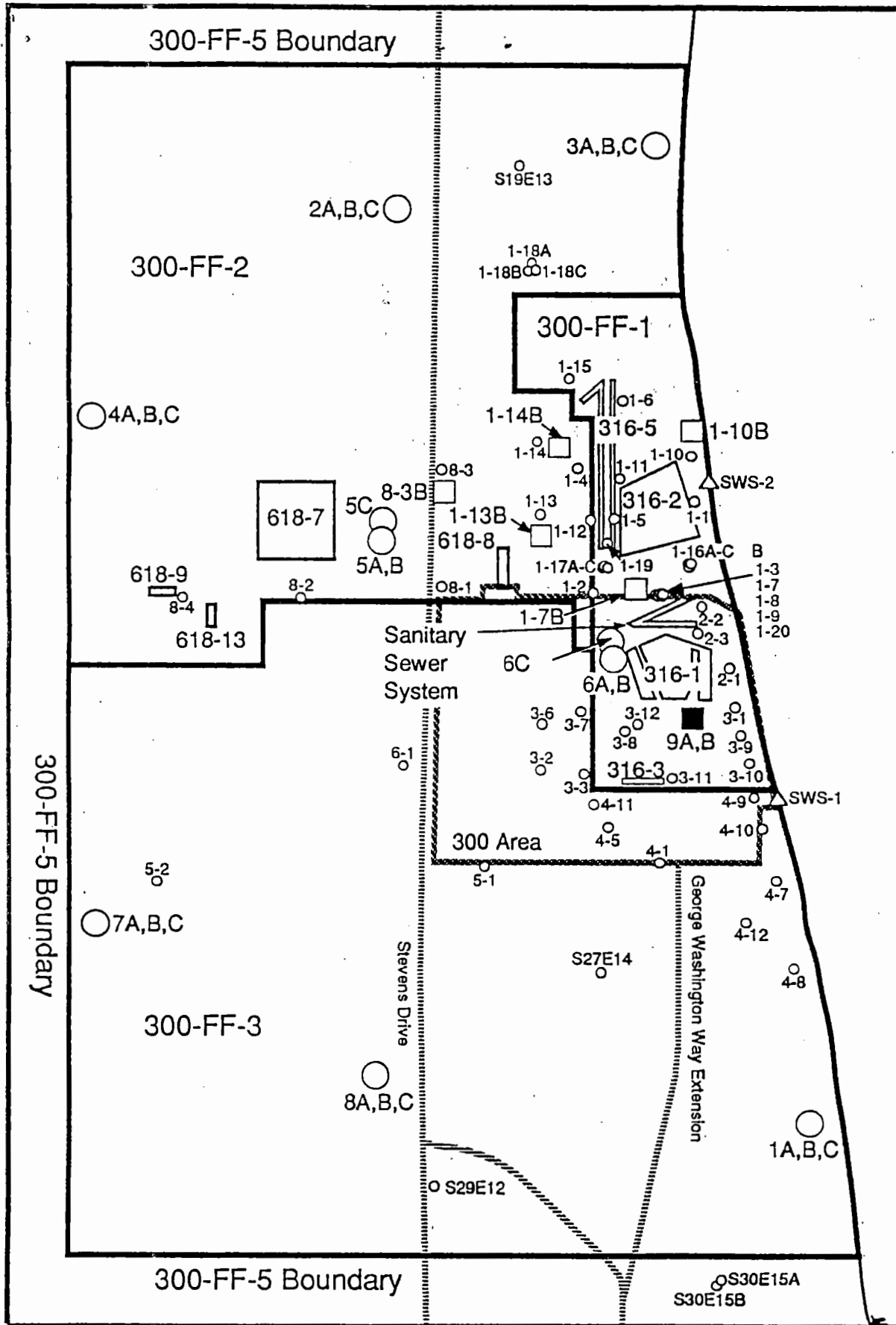


Figure 1 - Master Well Map

TABLE 1 - MASTER WELL LIST FOR 300-FF-5

	WELL	COMPLETION	DRILL	DEPTH TO	MONITORING	RCRA WELLS	RCRA WELLS	WELLS	REDUCE	PERFOR-	INSTALL	INSTALL	INSTALL	SURVEY
		DATE	DEPTH	OPEN	INTERVAL	SAMPLED IN	SAMPLED IN	REMEDIATED	MONITORING	ATED	SURFACE	PAD	POSTS,	
				INTERVAL		1980	1989	IN FY90	INTERVAL	CASING	SEAL		PAINT	
1	399-1-1	Nov-48	77	20-75P	SHWL			X	X		X	X	X	X
2	399-1-2	Apr-50	101	25-75 P	SHWL									
3	399-1-3	Apr-50	102	25-70 P	SHWL			X	X	X	X			X
4	399-1-4	May-50	101	23-70P	SHWL									
5	399-1-5	Feb-75	45	23-45S	SHWL									
6	399-1-6	Feb-75	44	22-44S	SHWL									
7	399-1-7	Mar-85	75	25-75S	SHWL	X	X	X	X					X
8	399-1-8	Aug-85	118	85-105	INTER			X						X
9	399-1-9	Feb-87	181	170-180	DEEP			X						X
10	399-1-10	Dec-88	45	24.5-39.5	SHWL	X	X							
11	399-1-11	Nov-88	47	27-47	SHWL	X	X							
12	399-1-12	Nov-88	85	45-80	SHWL	X	X							
13	399-1-13	Nov-88	58	38-53	SHWL	X	X							
14	399-1-14	Nov-88	50	31-46	SHWL	X	X							
15	399-1-15	Nov-88	48	29-44	SHWL	X	X							
16	399-1-16A	Dec-88	48	32.5-47.5	SHWL	X	X	X						X
17	399-1-16B	Feb-87	118	105-115	INTER	X		X						X
18	399-1-16C	Jan-87	178	167.5-177.5	DEEP		X	X						X
19	399-1-16D	Jan-87	180	ABANDONED										
20	399-1-17A	Nov-86	41	25-40	SHWL	X	X	X						X
21	399-1-17B	Dec-86	115	100-110	INTER	X	X	X						X
22	399-1-17C	Jan-87	173	161-171	DEEP	X	X	X						X
23	399-1-18A	Nov-86	83	39-54	SHWL	X	X	X						X
24	399-1-18B	Jan-87	125	108-118	INTER		X	X						X
25	399-1-18C	Jan-87	153	130-140	DEEP			X						X
26	399-1-19	May-88	45	35-45	SHWL		X							
27	399-1-20	Dec-88	187	120,103,86	WESTBAY									
28	399-2-1	Nov-48	77	18-73P	SHWL	X	X	X	X		X	X	X	X
29	399-2-2	Oct-76	65	35-55S	SHWL		X							
30	399-2-3	Oct-76	65	35-55 S	SHWL									
31	399-3-1	Oct-48	74	20-65 P	SHWL			X	X		X	X	X	X
32	399-3-2	Oct-47	102	40-75 P	SHWL									
33	399-3-3	Jan-48	175	52-83 P	SHWL									
34	399-3-4	May-51	40	ABANDONED										
35	399-3-5	May-51	40	ABANDONED										
36	399-3-6	Aug-43	85	42-55 P	SHWL									
37	399-3-7	Jan-44	88	52-70 P	SHWL	X	X							
38	399-3-8	Mar-70	48	28-48 P	SHWL									
39	399-3-9	Aug-78	70	45-55 S	SHWL	X	X	X			X	X	X	X
40	399-3-10	Sep-78	87	34-49 S	SHWL	X	X							
41	399-3-11	Sep-78	72	47-70 S	SHWL									
42	399-3-12	Sep-80	65	35-48 P	SHWL			X	X		X	X	X	X
43	399-4-1	Feb-51	101	25-80 P	SHWL	X	X	X	X		X	X	X	X
44	399-4-2	May-51	42	ABANDONED										
45	399-4-3	Apr-58	100	ABANDONED										
46	399-4-4	May-58	40	ABANDONED										
47	399-4-5	Aug-58	200	100-195 P	INTER-DEEP									
48	399-4-6	Jul-58	134	ABANDONED										
49	399-4-7	Nov-81	155	21-82 P	SHWL	X	X	X	X		X	X	X	X
50	399-4-8	Oct-71	72	35-53 P	SHWL									
51	399-4-9	Sep-78	65	38-58 S	SHWL			X			X	X	X	
52	399-4-10	Sep-78	80	37-50 S	SHWL									
53	399-4-11	Nov-86	95	55-70	SHWL	X	X	X						X
54	399-4-12	Dec-80	70	49-69 S	SHWL									
55	399-5-1	Feb-51	102	23-100 P	INTER									
56	399-5-2	Jul-54	424	192-412 P	DEEP									
57	399-5-3	May-51	38	ABANDONED										
58	399-8-1	May-50	101	24-75 P	SHWL			X			X	X	X	X
59	399-8-1	Apr-50	102	35-83 P	SHWL	X	X							
60	399-8-2	May-50	119	43-72 P	SHWL		X							
61	399-8-3	Mar-51	102	25-99 P	SHWL		X							
62	399-8-4	Sep-79	85	42-60 P	SHWL									
63	699-S30-E15A	Oct-71	80	58-78 S	INTER									
64	699-S30-E15B	Oct-71	93	NA	INTER									
65	699-S30-E14	Aug-62	219	45-180 P	INTER									
66	699-S29-E12	Nov-71	80	37-79 P	SHWL			X			X	X	X	X
67	699-S27-E14	Apr-48	165	60-150 P	INTER			X	X		X	X	X	X
68	699-S19-E13	Nov-71	80	50-78 P	SHWL			X	X	X	X	X	X	X
	TOTAL					20	26	28						

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TABLE 2 - WATER LEVEL WELL LISTING FROM THE WORK PLAN

	WELL	COMPLETION DATE	DRILL DEPTH	DEPTH TO OPEN INTERVAL	MONITORING INTERVAL SHALLOW	MONITORING INTERVAL INTERMEDIATE	MONITORING INTERVAL DEEP
1	1A		58	40-55	X		
2	1B		122	110-120		X	
3	1C		202	190-200			X
4	2A		58	40-55	X		
5	2B		122	110-120		X	
6	2C		152	140-150			X
7	3A		48	30-45	X		
8	3B		117	105-115		X	
9	3C		158	145-155			X
10	4A		52	35-50	X		
11	4B		112	100-110		X	
12	4C		182	170-180			X
13	5A		62	45-60	X		
14	5B		122	110-120		X	
15	5C		182	170-180			X
16	6A		67	50-65	X		
17	6B		114	102-112		X	
18	6C		182	170-180			X
19	7A		52	35-50	X		
20	7B		112	100-110		X	
21	7C		202	190-200			X
22	8A		58	40-55	X		
23	8B		122	110-120		X	
24	8C		202	190-200			X
25	1-10B		112	100-110		X	
26	1-14B		117	105-115		X	
27	399-1-1	Nov-48	77	20-75	X		
28	399-1-7	Mar-85	75	25-75	X		
29	399-1-8	Aug-85	118	85-105		X	
30	399-1-9	Aug-85	181	170-180			X
31	399-2-1	Nov-48	77	18-73	X		
32	399-3-1	Oct-48	74	20-65	X		
33	399-3-9	Aug-76	70	45-55	X		
34	399-3-12	Sep - 80	65	35-49	X		
35	399-4-1	Feb-51	101	25-80 P	X		
36	399-4-7	Nov-61	155	21-82	X		
37	399-4-9	Sep-76	65	38-58	X		
38	399-4-11	Nov-86	95	55-70	X		
39	399-1-10 (A)	Dec-86	45	24.5-39-5	X		
40	399-1-14 (A)	Nov-86	50	31-46	X		
41	399-1-16A	Dec-86	48	32.5-47.5	X		
42	399-1-16B	Feb-87	118	105-115		X	
43	399-1-16C	Jan-87	178	167.5-177.5			X
44	399-1-17A	Nov-86	41	25-40	X		
45	399-1-17B	Dec-86	115	100-110		X	
46	399-1-17C	Jan-87	173	161-171			X
47	399-1-18A	Nov-86	63	39-54	X		
48	399-1-18B	Jan-87	125	108-118		X	
49	399-1-18C	Jan-87	153	130-140			X
50	399-5-1	Feb-51	102	23-100		X	
51	399-6-1	May-50	101	24-75	X		
52	699-S27-E14	Apr-48	165	60-150		X	

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