



Department of Energy

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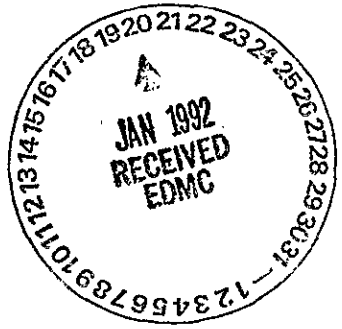
Richland Operations Office
P.O. Box 550
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JAN 10 1992

92-ERB-001

Mr. Paul T. Day
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U.S. Environmental Protection Agency
Region 10
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Mr. Timothy L. Nord
Hanford Project Manager
State of Washington
Department of Ecology
Mail Stop PV-11
Olympia, Washington 98504-8711



Dear Messrs. Day and Nord:

CHANGE IN VAPOR EXTRACTION SCHEDULE FOR THE 200 WEST AREA CARBON TETRACHLORIDE EXPEDITED RESPONSE ACTION (ERA)

This letter is a follow-up to our notification to the U.S. Environmental Protection Agency (EPA) on a schedule change on vapor extraction for the 200 West Area Carbon Tetrachloride Expedited Response Action ERA. The schedule is changed from what is indicated in the Expedited Response Action Proposal (EE/CA & EA) for 200 West Area Carbon Tetrachloride Plume, DOE/RL-91-32, Draft B. The scope of the changes does not impact the startup time of carbon tetrachloride extraction, however, the subsequent operations of additional vapor extraction system (VES) units will be delayed. EPA was first notified of these changes at the weekly ERA Interface meeting on December 2, 1991.

The original schedule (Attachment 1) for VES operations shows the startup of vapor extraction at the 216-Z-1A Tile Field in January 1992 (using the upgraded system from the VES pilot test conducted in April 1991). Initiation of vapor extraction at the 216-Z-9 Crib, using a newly procured VES unit would have begun in April 1992. This was to be followed by initiation of vapor extraction at both the 216-Z-18 and 216-Z-1A disposal sites using another newly procured system (replacing the upgraded pilot VES). The upgraded pilot VES would then be used for further testing and/or other vapor extraction jobs for this ERA or other sites around the Hanford Site.

The original strategy for obtaining the two new systems was to procure various components of the VES units followed by assembly of the VES units at the Hanford Site. This strategy was originally perceived as the quickest way to get the VESs onsite and operational. However, once this process was initiated, it was determined that due to procurement complexities, the design process, and other infrastructural elements related to conducting business at Hanford, a great deal of delay would be incurred.

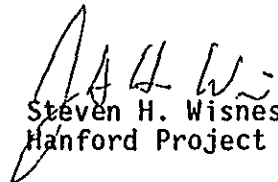
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As a result, a new strategy was developed which required schedule modifications to the VES operations. As previously planned, Westinghouse Hanford Company (WHC) will initiate vapor extraction at the 216-Z-1A Tile Field using the upgraded pilot VES unit in January 1992. However, the two additional VES units will not be procured piecemeal and assembled at the Hanford Site. Rather, the two VES units will be procured as one package. Based on discussions with WHC Procurement, we estimate that one VES unit will be onsite in October 1992, to be operated at the 216-Z-9 Crib. A second unit would be operational in November 1992, and would replace the upgraded unit at the 216-Z-1A Tile Field and the 216-Z-18 Crib. Because the CCl_4 cleanup will continue for several years, the upgraded pilot system could then be used to augment the two new systems or could be used elsewhere for testing and/or other cleanup activities. To provide the maximum production rate in the interim, the upgraded pilot scale system will be connected to the 216-Z-18 Crib in April 1992, as well as the initial 216-Z-1A Tile Field Site. The schedule for the operations is shown in Attachment 2.

If there are any questions, please contact Ms. Julie K. Erickson on (509) 376-3603.

Sincerely,


Steven H. Wisness
Hanford Project Manager

ERD:JKE

Attachments

cc w/atts:
J. L. Monhart, EM-442
D. R. Sherwood, EPA

cc w/o atts:
R. E. Lerch, WHC
T. B. Veneziano, WHC

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200 West Area Carbon Tetrachloride ERA Schedule (DOE 1991 Draft B)

Description	1991				1992								1993																				
	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A									
1.0 Site Characterization	—————																																
2.0 Phase I VES Implementation					—————→																												
2.1 216-Z-1A (upgraded system)					—————																												
2.2 216-Z-9 (new system)							—————→																										
2.3 216-Z-1A & 18 (new system)							—————→																										
3.0 Feasibility Testing																																	
3.1 Treatment				—————																													
3.2 Well Field			—————																														
4.0 Phase II VES Implementation																									—————→								

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Author	Addressee	Correspondence No.
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Subject: CHANGE IN VAPOR EXTRACTION SCHEDULE FOR THE 200 WEST AREA CARBON TETRACHLORIDE EXPEDITED RESPONSE ACTION

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The attachments are the same as outgoing letter #9250097D. ldp, 6-7049

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