

ENGINEERING CHANGE NOTICE

Page 1 of 21. ECN 169854Proj.
ECN

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Standby <input type="checkbox"/> Supersedeure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>		3. Originator's Name, Organization, MSIN, and Telephone No. S. J. Trent/CERCLA Geohydrology (81231)/ H6-06/6-7226		4. Date 12/8/92	
		5. Project Title/No./Work Order No. 200 West Area Carbon Tetrachloride Groundwater Expedited Response Action Planning Proposal/PLBAB	6. Bldg./Sys./Fac. No. 720 Stevens Center	7. Impact Level 4	
		8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-PD-012 Rev. 0	9. Related ECN No(s). N/A	10. Related PO No. N/A	
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. N/A	11c. Modification Work Complete _____ Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) _____ Cog. Engineer Signature & Date		
12. Description of Change 1) Page D-1, paragraph #2, line 4: Delete the phrase, "...long term..." 2) Page D-1, paragraph #2, line 4: Insert the following sentence after "...support and maintenance of the response action." "Cost and schedule needs for long term operation and maintenance of the response action were not evaluated at this time due to insufficient information on the likely duration of response action activities. Long term cost and needs will be addressed in the ERA EE/CA." 3) Page D-2, line 7: Replace total cost figure "\$10,746,2500" with "\$10,746,250."					
13a. Justification (mark one) As-Found <input type="checkbox"/>		Criteria Change <input type="checkbox"/>	Design Improvement <input type="checkbox"/>	Environmental <input type="checkbox"/>	
		Facilitate Const. <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>	Design Error/Omission <input type="checkbox"/>	
13b. Justification Details 1/2) The response action operations may continue beyond the two years indicated by the preliminary cost estimates and schedule provided in the planning proposal. There is insufficient information at this time to access the longevity of the response action and associated long term costs. The text will be modified to indicate that cost estimates provided in the planning proposal do not reflect long term operations. Long-term cost and schedule needs will be evaluated as part of the ERA Engineering Evaluation and Cost Analysis document. 3) Original total cost figure on page D-2 is incorrect.					
14. Distribution (include name, MSIN, and no. of copies) See attached distribution sheet.				RELEASE STAMP	
				OFFICIAL RELEASE  BY WHC DATE DEC 09 1992 <i>Station #12</i>	

ENGINEERING CHANGE NOTICE

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
	Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$	Improvement <input type="checkbox"/>			
Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	Delay <input type="checkbox"/>				

18. Change Impact Review: Indicate the related documents (other than the engineering documents identified on Side 1) that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD <input type="checkbox"/>	Seismic/Stress Analysis <input type="checkbox"/>	Tank Calibration Manual <input type="checkbox"/>
Functional Design Criteria <input type="checkbox"/>	Stress/Design Report <input type="checkbox"/>	Health Physics Procedure <input type="checkbox"/>
Operating Specification <input type="checkbox"/>	Interface Control Drawing <input type="checkbox"/>	Spares Multiple Unit Listing <input type="checkbox"/>
Criticality Specification <input type="checkbox"/>	Calibration Procedure <input type="checkbox"/>	Test Procedures/Specification <input type="checkbox"/>
Conceptual Design Report <input type="checkbox"/>	Installation Procedure <input type="checkbox"/>	Component Index <input type="checkbox"/>
Equipment Spec. <input type="checkbox"/>	Maintenance Procedure <input type="checkbox"/>	ASME Coded Item <input type="checkbox"/>
Const. Spec. <input type="checkbox"/>	Engineering Procedure <input type="checkbox"/>	Human Factor Consideration <input type="checkbox"/>
Procurement Spec. <input type="checkbox"/>	Operating Instruction <input type="checkbox"/>	Computer Software <input type="checkbox"/>
Vendor Information <input type="checkbox"/>	Operating Procedure <input type="checkbox"/>	Electric Circuit Schedule <input type="checkbox"/>
OM Manual <input type="checkbox"/>	Operational Safety Requirement <input type="checkbox"/>	ICRS Procedure <input type="checkbox"/>
FSAR/SAR <input type="checkbox"/>	IEFD Drawing <input type="checkbox"/>	Process Control Manual/Plan <input type="checkbox"/>
Safety Equipment List <input type="checkbox"/>	Cell Arrangement Drawing <input type="checkbox"/>	Process Flow Chart <input type="checkbox"/>
Radiation Work Permit <input type="checkbox"/>	Essential Material Specification <input type="checkbox"/>	Purchase Requisition <input type="checkbox"/>
Environmental Impact Statement <input type="checkbox"/>	Fac. Proc. Samp. Schedule <input type="checkbox"/>	N/A <input type="checkbox"/>
Environmental Report <input type="checkbox"/>	Inspection Plan <input type="checkbox"/>	<input type="checkbox"/>
Environmental Permit <input type="checkbox"/>	Inventory Adjustment Request <input type="checkbox"/>	<input type="checkbox"/>

19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number Revision
N/A		

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog Engineer S. J Trent <i>S. J Trent</i>	12/19/92	PE	_____
Cog. Mgr. M. C. Hagood <i>M. C. Hagood</i>	12/14/92	QA	_____
QA	_____	Safety	_____
Safety	_____	Design	_____
Security	_____	Environ.	_____
Environ.	_____	Other	_____
Projects/Programs	_____		_____
Tank Waste Remediation System	_____		_____
Facilities Operations	_____	DEPARTMENT OF ENERGY	_____
Restoration & Remediation	_____	Signature or Letter No.	_____
Operations & Support Services	_____		_____
IRM	_____	ADDITIONAL	_____
Other	_____		_____

Complete for all Types of Release

Purpose <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape		<input type="checkbox"/> Reference <input checked="" type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input type="checkbox"/> Other	ID Number (include revision, volume, etc.) ECN #169854 List attachments. WHC-SD-EN-PD-012, Rev. 0 Date Release Required <p align="center">December 9, 1992</p>
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Title 200 West Area Carbon Tetrachloride Groundwater Expedited Response Action Planning Proposal (ECN #169854)	Unclassified Category UC- n/a	Impact Level 4
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New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).	Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)
Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)	Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)

Complete for Speech or Presentation

Title of Conference or Meeting n/a	Group or Society Sponsoring n/a
Date(s) of Conference or Meeting City/State	Will proceedings be published? <input type="checkbox"/> Yes <input type="checkbox"/> No Will material be handed out? <input type="checkbox"/> Yes <input type="checkbox"/> No
Title of Journal	

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer - Signature	Indicates Approval
			Name (printed)	Signature Date
Classification/Uncontrolled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Patent - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>STAN BERGLIN</u>	<u>priv Telcom 12/9/92</u>
Legal - General Counsel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>STAN BERGLIN</u>	<u>priv Telcom 12/9/92</u>
Applied Technology/Export Controlled Information or International Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
WHC Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
RL Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Publication Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>L. Hermann</u>	<u>L. Hermann 12/9/92</u>
Other Program/Project	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

Information conforms to all applicable requirements. The above information is certified to be correct.

References Available to Intended Audience <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Transmit to DOE-HQ/Office of Scientific and Technical Information <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Author/Requestor (Printed/Signature) <u>S. J. Trent</u> <u>[Signature]</u> Date <u>12/9/92</u> Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External Responsible Manager (Printed/Signature) <u>M. C. Hagood</u> <u>[Signature]</u> Date <u>12/9/92</u>	INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP Stamp is required before release. Release is contingent upon resolution of mandatory comments.  Date Cancelled _____ Date Disapproved _____
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DISTRIBUTION SHEET

To:
DISTRIBUTIONFrom:
200 Area RemediationDate:
December 8, 1992

Project Title/Work Order:

200 West Area Carbon Tetrachloride Groundwater Expedited Response Action Planning Proposal

EDT No.:

ECN No.: 169854

Name	MSIN	With Attachment	EDT/ECN & Comment	EDT/ECN Only
T. M. Brouns	P7-41	X		
R. A. Carlson	H6-03	X		
H. D. Downey	H6-27	X		
J. W. Green	H6-04	X		
M. C. Hagood	H6-04	X (3)		
D. G. Horton	H6-06	X		
R. L. Jackson	H6-06	X		
W. L. Johnson	H6-05	X		
A. J. Knepp	H6-06	X		
K. J. Koegler	H6-04	X		
M. Marratt	H6-06	X		
D. J. Moak	N3-05	X		
D. L. Parker	H6-03	X		
V. J. Rohay	H6-06	X		
G. D. Spice	H6-06	X		
S. J. Trent	H6-06	X (20)		
C. D. Wittreich	H6-03	X		
J. G. Woolard	H6-04	X		
Central Files	L8-04	X (2)		
IRM Clearance	H4-17	X		
EDMC	H6-08	X (2)		