

ENGINEERING CHANGE NOTICE

Page 1 of 21. ECN **603876**Proj.
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"/> Supersedure <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. G.G. Kelty, Geoscience, H6-06, 376-6341		4. Date 1/25/94
	5. Project Title/No./Work Order No. Description of Work for 216-U-10 Pond Test Pits	6. Bldg./Sys./Fac. No. 216-U-10 Pond 200-UP-2	7. Impact Level 3 Q
	8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-EN-AP-141, 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. NA	11c. Modification Work Complete NA Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) NA Cog. Engineer Signature & Date

12. Description of Change

Section 1.2 TEST PITS, pg. 1. This section describes the excavation and sampling of two test pits in the 216-U-10 Pond (#216-U-10-TP1 and 216-U-10-TP2). Test pit 216-U-10-TP1 will not be excavated, therefore all references to test pit 216-U-10-TP1 are no longer valid.

Section 3.3.1 Geologic Sampling, pg. 8. All references to Figure 2A are no longer applicable.

Section 3.3.2 Analytical Soil Sampling, pg. 11, fourth paragraph. "Samples will collected form TP-1 at...below the surface." This sentence is no longer valid.

Section 5.0 SCHEDULE, pg. 17. Test pit #1 is no longer going to be excavated, therefore the need for establishing a schedule for TP #1 is no longer valid.

Section 6.0 ALARA CONSIDERATIONS AND CHANGES TO THE DESCRIPTION OF WORK, pg. 18, "If it is determined than an alternative method for obtaining samples that utilizes a greater control for the spread of contaminations is required, this DOW will be revised." Will be changed to "If it is determined that a vadose boring will allow greater control for the spread of contamination, the drilling DOW will be revised instead of the test pit DOW."

13a. Justification (mark one)	Criteria Change <input type="checkbox"/>	Design Improvement <input type="checkbox"/>	Environmental <input checked="" type="checkbox"/>
As-Found <input type="checkbox"/>	Facilitate Const. <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>	Design Error/Omission <input type="checkbox"/>

13b. Justification Details

A test pit constructed previously in the U-10 pond indicated that the control of radiologically contaminated spoils cannot be assured and sample quality maybe lacking due to sloughing from the test pit walls. Therefore it has been determined that the second test pit (216-UP-10-TP1) will not be constructed and will be replaced with a single vadose boring (# 299-W23-231) which will be drilled and sampled to the top of the caliche layer. This borehole will assure greater worker safety and the collection of quality soil samples. The description for the drilling and sampling of vadose boring 299-W23-231 are presented in DOW WHC-SD-EN-AP-147 Rev. 0.

14. Distribution (include name, MSIN, and no. of copies)

J.A. Bultena, N3-05, 1
 G.G. Kelty, H6-06, 1
 A.J. Knepp, H6-0, 1
 R.L. Hand, H4-16, 1
 M.J. Galgoul, H6-03, 1 *Michael D. Galgoul 2/1/94*
 P.M. Pak, A5-19, 1
 N. Uziemblo, WDOE, 1 *B5-18*
 EDMC, H6-08, 2
 Central Files, L8-04, 2
 D.R. Einan, EPA, B5-01 1

RELEASE STAMP

OFFICIAL RELEASE **11**

BY WHC

DATE **MAR 03 1994***Station # 12*

2107 66 116

ENGINEERING CHANGE NOTICE

603876

15. Design Verification Required

Yes
 No

16. Cost Impact

ENGINEERING

Additional \$NA
Savings \$NA

CONSTRUCTION

Additional \$NA
Savings \$NA

17. Schedule Impact (days)

Improvement [NA]
Delay [NA]

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"/>		<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
NA FOR ALL		

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog Engineer G.G. Kelly <i>G.G. Kelly</i>	<u>2/10/94</u>	PE	_____
Cog. Mgr. A.J. Knepp <i>A.J. Knepp</i>	<u>2-11-94</u>	QA	_____
QA W.R. Thackaberry <i>W.R. Thackaberry</i>	<u>2-10-94</u>	Safety	_____
Safety	_____	Design	_____
Security	_____	Environ.	_____
Environ.	_____	Other	<u>2/10/94</u>
Projects/Programs	_____	<i>H.D. Downey</i> <i>H.D. Downey</i>	_____
Tank Waste Remediation System	_____		_____
Facilities Operations	_____	DEPARTMENT OF ENERGY	_____
Restoration & Remediation	_____	Signature or Letter No.	_____
Operations & Support Services	_____		_____
IRM	_____	ADDITIONAL	_____
Other	_____	P.M. PAK <i>Paul M. PAK</i>	<u>2-10-94</u>
M.J. Galgout <i>M.J. Galgout</i>	<u>2/10/94</u>	N. Uziemblo <i>N. Uziemblo</i>	<u>2/22/94</u>
R.A. Carlson <i>R.A. Carlson</i>	<u>2/10/94</u>	<i>per telecom,</i>	
J.A. Bultena <i>J.A. Bultena</i>	<u>2-11-94</u>	<i>George Kelly / G. Kelly</i>	

902-661616

Date Received: 3/11/94

INFORMATION RELEASE REQUEST

Reference: WHC-CM-3-4

Complete for all Types of Release

<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.) WHC-SD-EN-AP-141, Rev. 0 ECN 003876
List attachments.			Date Release Required 2/25/94
N/A			

Title Description of Work for 216-U-Pond Test Pits	Unclassified Category UC-630	Impact Level 3Q
--	------------------------------	-----------------

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
---------------------------------------	-----------------------------

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/Unclassified Controlled Nuclear Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Patent - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Legal - General Counsel	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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 type="checkbox"/>	<input checked="" type="checkbox"/>		
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	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Transmit to DOE-HQ/Office of Scientific and Technical Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Author/Requestor (Printed/Signature)	Date	
G.G. Kelty, G.G. Kelty	3/25/94	

Intended Audience	<input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External
Responsible Manager (Printed/Signature)	Date
A.J. Knepp A.J. Knepp	2-25-94

INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP	
Stamp is required before release. Release is contingent upon resolution of mandatory comments.	
Date Cancelled	Date Disapproved

9413199.2034