
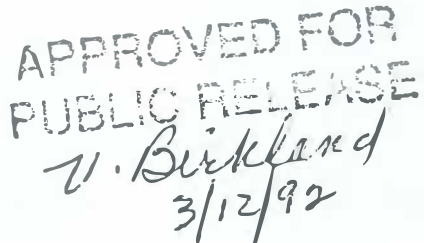


ENGINEERING CHANGE NOTICE

Page 1 of 3

1. ECN 164696

Proj.
ECN

2. ECN Category (mark one) Cancel/Void <input type="checkbox"/>		Supplemental <input checked="" type="checkbox"/>	Change ECN <input type="checkbox"/>	Supersedure <input type="checkbox"/>
		Direct Revision <input checked="" type="checkbox"/>	Temporary <input type="checkbox"/>	Discovery <input type="checkbox"/>
3. Originator's Name, Organization, MSIN, and Telephone No. M.A. Buckmaster, Environmental Engineering, H4-55, 376-1792			4. Date March 11, 1992	
5. Project Title/No./Work Order No. 200-BP-1 RI/FS		6. Bldg./Sys./Fac. No.		7. Impact Level 3
8. Document Number Affected (include rev. and sheet no.) WHC-SD-EN-AP-069, rev. 0		9. Related ECN No(s.) 19189		10. Related PO No.
11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package Doc. No.	11c. Complete Installation Work _____ Cog. Engineer Signature & Date	11d. Complete Restoration (Temp. ECN only) _____ Cog. Engineer Signature & Date	
12. Description of Change Modify quality control samples listed in Appendix A to the attached table.				
 				
13a. Justification (mark one) Design Error/Omission <input type="checkbox"/>		Criteria Change <input checked="" type="checkbox"/>	Environmental <input type="checkbox"/>	Facilitate Const. <input type="checkbox"/>
		Design Improvement <input type="checkbox"/>	As-Found <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>
13b. Justification Details This change is made to clarify and increase QC samples to satisfactorily document the accuracy and precision of sampling.				
14. Distribution (include name, MSIN, and no. of copies) Distribution			RELEASE STAMP OFFICIAL RELEASE BY WHC DATE MAR 12 1992 20 Ste. 21	

ENGINEERING CHANGE NOTICE

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	16. Cost Impact <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">ENGINEERING</td> <td style="width: 50%; text-align: center;">CONSTRUCTION</td> </tr> <tr> <td>Additional <input type="checkbox"/> \$</td> <td>Additional <input type="checkbox"/> \$</td> </tr> <tr> <td>Savings <input type="checkbox"/> \$</td> <td>Savings <input type="checkbox"/> \$</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	17. Schedule Impact (days) Improvement <input type="checkbox"/> Delay <input type="checkbox"/>
ENGINEERING	CONSTRUCTION							
Additional <input type="checkbox"/> \$	Additional <input type="checkbox"/> \$							
Savings <input type="checkbox"/> \$	Savings <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"/>		<input type="checkbox"/>
Environmental Report	<input checked="" 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
DOE/RL, 88-32, Rev. 1		

20. Approvals

	Signature	Date		Signature	Date
OPERATIONS AND ENGINEERING	<i>M.A. Buckmaster</i>	3/11/92	ARCHITECT-ENGINEER		
Cog./Project Engineer	<i>R.A. Calson</i>	3/11/92	PE		
Cog./Project Engr. Mgr.	<i>R.W. Perusse</i>	3/11/92	QA		
QA			Safety		
Safety			Design		
Security			Other		
Proj. Prog./Dept. Mgr.					
Def. React. Div.					
Chem. Proc. Div.					
Def. Wst. Mgmt. Div.			DEPARTMENT OF ENERGY		
Adv. React. Dev. Div.					
Proj. Dept.					
Environ. Div.			ADDITIONAL		
IRM Dept.					
Facility Rep. (Ops.)					
Other					

APPROVED FOR PUBLIC RELEASE
 V. Bickland
 3/12/92

FIELD QUALITY CONTROL SAMPLES - TASK 4

BOREHOLE	FIELD BLANK	EQUIPMENT BLANK	TRIP BLANK	DUPLICATE	SPLIT
216-B-57A	X	X	X	X	X
216-B-49A	X	X	X	X	-
216-B-43A	X	X	X	X	X

Approximately 40 soil samples will be collected.

FIELD QUALITY CONTROL SAMPLES - TASK 2

CRIB*	FIELD BLANK	EQUIPMENT BLANK	TRIP BLANK	DUPLICATE	SPLIT
216-B-44	X	X	X	X	**
216-B-45	X	X	X	X	**
216-B-46	X	X	X	X	**
216-B-47	X	X	X	X	**
216-B-48	X	X	X	X	**
216-B-50	X	X	X	X	X
216-B-61	X	X	X	X	-

* Three shallow boreholes in each of these cribs with one set of QC samples per crib.

** A total of three judicious random split samples will be collected for Task 2 over the course of drilling. Since the 216-B-50 crib will be drilled first, a split will be required.

Approximately 100 soil samples will be collected for Task 2.

In the event that insufficient sample material is available to submit for analysis, the priority for analysis shall be the following, as determined by the project coordinator:

1. Radionuclides
2. Inorganic
3. Organics

INFORMATION RELEASE REQUEST

References:
WHC-CM-3-4

COMPLETE FOR ALL TYPES OF RELEASE

Purpose		New ID Number ECN 164696	
<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 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 Database <input checked="" type="checkbox"/> Other ECN 164696	Existing ID Number (include revision, volume, etc.) NA	
		If previously cleared, list ID number WHC-SD-EN-AP-069, Rev. 0	
		Date Release Required 3/12/92	

Title 200-BP-1 Phase I Remedial Investigation Task 2 and 4 Sampling and Analysis Plan	Unclassified Category UC- NA	Impact Level 4
---	--	--------------------------

COMPLETE FOR SPEECH OR PRESENTATION

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

CHECKLIST FOR SIGNATORIES

Review Required per WHC-CM-3-4	Yes	No	Reviewer	Signature	Date
			Name (printed)		
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	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Communications	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
DOE-RL Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Publication Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	D. E. Smith	<i>D. E. Smith</i>	3/12/92
Other Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
References Available to Intended Audience	<input checked="" type="checkbox"/>	<input type="checkbox"/>	M. A. Buckmaster	<i>M. A. Buckmaster</i>	3/12/92
Transmit to DOE-HQ/Office of Scientific and Technical Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

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

Author/Requestor (Printed/Signature) M. A. Buckmaster <i>M. A. Buckmaster</i>	Date 3/12/92
Responsible Manager (Printed/Signature) R. A. Carlson <i>RACarlson</i>	Date 3-12-92
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External	

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

Date Received 3/12/92 VAB

DISTRIBUTION SHEET

To: Distribution	From: M. A. Buckmaster, 6-1792	Date: March 12, 1992
---------------------	-----------------------------------	-------------------------

Project Title/Work Order:

200-BP-1 Phase I RI Task 2 and 4 Sampling and Analysis Plan

EDT No.:

ECN No.: 164696

Name	MSIN	With Attachment	EDT/ECN & Comment	EDT/ECN Only
M. R. Adams	H4-55	X		
D. J. Alexander	L6-31	X		
T. M. Anderson	B3-01	X		
J. A. Bultena	N3-06	X		
J. W. Cammann	H4-14	X		
R. A. Carlson	H4-55	X		
L. P. Diediker	T1-30	X		
C. K. DiSibio	B3-03	X		
W. T. Dixon	B2-17	X		
H. D. Downey	L4-92	X		
K. R. Fecht	H4-56	X		
C. J. Geier	B2-19	X		
B. A. Gilkeson	R3-27	X		
W. L. Johnson	H4-55	X		
A. M. Kaczor	H4-55	X		
J. H. Kessner	T6-08	X		
R. J. Landon	B2-19	X		
R. E. Lerch	B2-35	X		
P. J. Mackey	B3-15	X		
H. E. McGuire	B3-63	X		
D. J. Moak	N3-05	X		
R. W. Perusse	H4-16	X		
K. A. Smith	T3-06	X		
D. R. Speer	R2-77	X		
S. J. Trent	H4-56	X		
G. E. Vansickle	R2-81	X		
G. P. Zanzalari	B3-35	X		
EDMC (2)	H4-22	X		
Resource Center	H4-55	X		
IRM Clearance	H4-17	X		