0020145

ENGINEERING CHANGE NOTICE

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1. ECN 165744

Proj. ECN

2. ECN Category (mark one)	Supplemental	[x]	Change ECN	[]	Supersedure	[]	
Cancel/Void	[]	Direct Revision	[]	Temporary	[]	Discovery	[]

3. Originator's Name, Organization, MSIN, and Telephone No.
R. K. Ledgerwood (61302) - 81243 - N3-05 - 6-2193

4. Date
April 6, 1992

5. Project Title/No./Work Order No.
200-BP-1 Operable Unit PE3DA

6. Bldg./Sys./Fac. No.
N/A

7. Impact Level
3

8. Document Number Affected (include rev. and sheet no.)
WHC-S-053 Rev. 0

9. Related ECN No(s).
N/A

10. Related PO No.
N/A

11a. Modification Work
[] Yes (fill out Blk. 11b)
[X] No (NA Blks. 11b, 11c, 11d)

11b. Work Package Doc. No.
N/A

11c. Complete Installation Work
N/A
Cog. Engineer Signature & Date

11d. Complete Restoration (Temp. ECN only)
N/A
Cog. Engineer Signature & Date

12. Description of Change

1. Section 01100 SPECIAL PRECAUTIONS AGAINST CONTAMINATION, Part 1.7.1 HANDLING AND STORAGE OF MATERIALS Remove last sentence: ~~Personnel handling the materials will use new cotton or latex gloves~~. Replace with: Personnel handling materials that will come in contact with groundwater will use new cotton or latex gloves.

2. Revise Table 02670-1 to include Appendix A. See page 3 for Text changes.

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13a. Justification (mark one)	Criteria Change	[]	Environmental	[]	Facilitate Const.	[x]	
Design Error/Omission	[]	Design Improvement	[]	As-Found	[]	Const. Error/Omission	[]

13b. Justification Details

1. Clarify requirement applicability.
2. Change scope of work to include three additional wells for remediation

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

J. K. Braden	A3-47	1*	D. J. Moak	N3-05	1
M. A. Buckmaster	H4-55	1	W. R. Thackaberry	H4-16	1
M. G. Gardner	N3-06	1	R. I. Watkins	E6-41	1
K. M. Hoffman	H5-29	1	KEH CDC	E2-50	1
G. B. Gould	N3-06	1	EDMC	H4-22	1
R. K. Ledgerwood	N3-05	1	* Advanced copy		

RELEASE STAMP

OFFICIAL RELEASE BY WHC 23
DATE APR 06 1992
Sta #21

A-7900-013-2 (11/88) (EF) GEF095
Engineering Change Notice

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15. Design Verification Required	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
[] Yes	Additional	[] $N/A	Additional	[] $N/A	Improvement	[] N/A
[X] No	Savings	[] $N/A	Savings	[] $N/A	Delay	[] N/A

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

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

20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog./Project Engineer M. G.Gardner	4-6-92	PE	
Cog./Project Engr. Mgr. D. J. Moak	4-6-92	QA	
QA W. R. Thackaberry	4-6-92	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.	4/6/92		
Environ. Div. M. A. Buckmaster		ADDITIONAL	
IRM Dept.			
Facility Rep. (Ops.)			
Other			

Table 02670-1 - Appendix A

600 Area Ground Water Wells Associated With the 200-BP-1 Operable Unit Requiring Installation of Annular/Surface Seals and Surface Protection

WELL DESIGNATION	HANFORD COORDS N/W	DRILL DATE DEPTH	CASING SIZE (In)	REQUIRED REMEDIATION ACTIVITIES
699-59-58	N58,859 W57,763	Jul72 114-ft	6.0	• Overdrill 6-in casing & install 2-in void surface seal to 18-ft. • Install pad, posts, marker; paint. • Survey.
699-60-57	N60,350 W56,612	Jul72 155-ft	8.0	• Pressure grout 125-155-ft, (± 5-ft). • Overdrill 8-in casing and install 2-in void surface seal to 18-ft. • Install pad, posts, marker; paint. • Survey
699-60-60	N60,030 W59,964	Jun48 133-ft	8.0	• Remove piezometer by over drilling to top of cement plug. • Overdrill 8-in casing & install 2-in void surface seal to 18-ft. • Install pad, posts, marker; repair casing, paint. • Survey.