

ENGINEERING CHANGE NOTICE

1. ECN

Proj. ECN B-714-6

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

3. Originator's Name, Organization, MSIN, and Telephone No.
P.A. Laing/TCPC/376-2381

4. Date
March 14, 1989

5. Project Title/No./Work Order No.
B-714, Grout Vault Pair (218-E-16-102 & 103)

6. Bldg./Sys./Fac. No.
218-E-16

7. Impact Level
4

8. Document Number Affected (include rev. and sheet no.)
See List Below

9. Related ECN No(s).
None

10. Related PO No.
N/A

- 11a. Modification Work
- Yes (fill out Blk. 11b)
 - No (NA Blks. 11b)
 - Unknown

11b. Work Package Doc. No.
Unknown

11c. Complete Installation Work

Cog. Engineer Signature & Date

11d. Complete Restoration (Temp. ECN only)

Cog. Engineer Signature & Date

12. Description of Change

1. Construction Specification
~~_____~~ Rev Orig. 2-29-89
B-714-C3, Sheet Piling & Excavation
Delete This Entire Specification

2. Engineering Drawings
H-2-77575 SH 1 Rev 0
H-2-77575 SH 2 Rev 0
General Revision To Delete Sheet Piling And Revise Geotextile Barriers



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

13b. Justification Details
General revision to incorporate project re-scope as directed by WHC letter of instructions number 10, ref 8950870.

WHC DISTRIBUTION

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

KEH DISTRIBUTION
S. R. Briggs R3-43 (WHC)
Engng Doc Cnt1 TCPC/5-8-D
Const Doc Cnt1✓ 2910E/200E

✓ R. Briggs R3-43
D. E. Bowers R1-67
O. A. Halverson R3-09
J. R. McGee S1-54
M. D. Northey R3-43
D. E. Palmer R3-43
R. B. Wurz S4-45
A. E. Young S0-05
Project Files R1-28
Station 10 A2-27
DOE L. Garza
G. M. Amimoto A5-18

RELEASE STAMP

OFFICIAL RELEASE BY WHC 48
DATE APR 28 1989
Station #4

ENGINEERING CHANGE NOTICE

Page 2 of 2

1. ECN (use no. from pg. 1)
B-714-6

15. Design Verification Required <input type="checkbox"/> Yes <input type="checkbox"/> No	16. Cost Impact <table style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;">ENGINEERING</td> <td style="width: 50%; text-align: center;">CONSTRUCTION</td> </tr> <tr> <td>Additional <input checked="" type="checkbox"/> \$ <u>3500</u></td> <td>Additional <input type="checkbox"/> \$ _____</td> </tr> <tr> <td>Savings <input type="checkbox"/> \$ _____</td> <td>Savings <input checked="" type="checkbox"/> \$ <u>\$200K</u> 500 <u>DEP</u></td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input checked="" type="checkbox"/> \$ <u>3500</u>	Additional <input type="checkbox"/> \$ _____	Savings <input type="checkbox"/> \$ _____	Savings <input checked="" type="checkbox"/> \$ <u>\$200K</u> 500 <u>DEP</u>	17. Schedule Impact (days) Improvement <input type="checkbox"/> _____ Delay <input type="checkbox"/> _____
ENGINEERING	CONSTRUCTION							
Additional <input checked="" type="checkbox"/> \$ <u>3500</u>	Additional <input type="checkbox"/> \$ _____							
Savings <input type="checkbox"/> \$ _____	Savings <input checked="" type="checkbox"/> \$ <u>\$200K</u> 500 <u>DEP</u>							

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

J. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog./Project Engineer <u>[Signature]</u>	<u>3/23/89</u>	PE <u>[Signature]</u>	<u>3/24/89</u>
Cog./Project Engr. Mgr. <u>[Signature]</u>	<u>3/23/89</u>	QA <u>[Signature]</u>	<u>3/24/89</u>
QA _____	_____	Safety <u>[Signature]</u>	<u>3/22/89</u>
Safety _____	_____	Design <u>[Signature]</u>	<u>3/21/89</u>
Security _____	_____	Other _____	_____
Proj. Prog./Dept. Mgr. _____	_____	_____	_____
Def. React. Div. _____	_____	_____	_____
Chem. Proc. Div. _____	_____	_____	_____
Def. Wst. Mgmt. Div. _____	_____	_____	_____
Adv. React. Dev. Div. _____	_____	_____	_____
Proj. Dept. _____	_____	_____	_____
Environ. Div. _____	_____	_____	_____
IRM Dept. _____	_____	_____	_____
Facility Rep. (Ops) _____	_____	_____	_____
Other _____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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1. ECN (use no. from pg. 1)
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ENGINEERING	CONSTRUCTION							
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<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"/>

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_____	_____	_____
_____	_____	_____
_____	_____	_____

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Signature	Date	Signature	Date
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Cog./Project Engineer <i>[Signature]</i>	3/28/89	PE <i>[Signature]</i>	3/24/89
Cog./Project Engr. Mgr. <i>[Signature]</i>	3/28/89	QA <i>[Signature]</i>	3/24/89
QA _____	_____	Safety <i>[Signature]</i>	3/22/89
Safety _____	_____	Design <i>[Signature]</i>	3/21/89
Security _____	_____	Other _____	_____
Proj. Prog./Dept. Mgr. _____	_____	_____	_____
Def. React. Div. _____	_____	_____	_____
Chem. Proc. Div. _____	_____	_____	_____
Def. Wst. Mgmt. Div. _____	_____	<u>DEPARTMENT OF ENERGY</u>	_____
Adv. React. Dev. Div. _____	_____	_____	_____
Proj. Dept. _____	_____	<u>ADDITIONAL</u>	_____
Environ. Div. _____	_____	_____	_____
IRM Dept. _____	_____	_____	_____
Facility Rep. (Ops) _____	_____	_____	_____
Other _____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

DISTRIBUTION SHEET

To	From	Page <u>1</u> of <u>1</u>
DISTRIBUTION	D.E. PALMER 24320	Date <u>1/6/89</u>
Project Title/Work Order		EDT No. <u>101663</u>
<u>271A GROUT VAULTS</u>		ECN No.

Name	MSIN	With Attach.	EDT/ECN & Comment	EDT/ECN Only
H. SALES - KEH ²⁵ 30 FULL SIZE DWGS	1256 BLD 2000 AREA	X		
J.D. CLOUD - KEH - 3 - FULL SIZE DWGS	TRAC 5TH/1100	X		
1-1/2 SIZE DWGS				
4 - COPIES OF SPEC				
W.S. McRUDER - KEH - 3 - FULL SIZE DWGS	TRPC 4TH/1100	X		
1-1/2 SIZE DWGS				
4 - COPIES OF SPEC				
KEH CONSTR DOC. CONTROL	2910E - 200 EAST	X		
5 - FULL SIZE DWGS				
5 - 4 COPIES OF SPEC				
J.M. ALLISON - WHC - 1/2 SIZE DWG - 1 SPEC	R1-48	X		
O.L. BOSTIC " " "	R1-48	X		
D.E. BOWERS " " "	R1-67	X		
J.E. BRAMSON " " "	T1-30	X		
S.R. BRIGGS " " "	R3-43	X		
G.D. CAMPBELL " " "	R1-40	X		
T.A. HALVORSEN " " "	R3-09	X		
J.D. HEILB " " "	R1-51	X		
J.R. MCGEE " " "	S1-54	X		
M.D. MORTHEY " " "	R3-43	X		
D.E. PALMER " " "	R3-43	X		
J.L. STUART " " "	R3-09	X		
J.L. VIGUE " " "	S5-02	X		
D.D. WODRICH " " "	R1-40	X		
J.M. AMIMOTO " " "	FED 566 700 AREA	X		
R.D. CHAPMAN KEH 1/2 SIZE DWGS	TRC 5TH 200 EAST	X		
KEH ENCL DOC CONTROL	TRPC 5TH 1100 AREA			X