

START

0026796

ENGINEERING CHANGE NOTICE

Page 1 of 3

1. ECN ~~187752~~

Proj. ECN B-714-152

2. ECN Category (mark one)		Supplemental <input checked="" type="checkbox"/>	Change ECN <input type="checkbox"/>	Supersedeure <input type="checkbox"/>
Cancel/Void <input type="checkbox"/>	Direct Revision <input type="checkbox"/>	Temporary <input type="checkbox"/>	Discovery <input type="checkbox"/>	
3. Originator's Name, Organization, MSIN, and Telephone No. T.K. Ehrhard, KEH, E6-42, 6-7412			4. Date 10-05-92	
5. Project Title/No./Work Order No. Grouted Waste Disposal Facilities B-714/ER8007		6. Bldg./Sys./Fac. No. 218-E-16		7. Impact Level 3Q /SC-2
8. Document Number Affected (include rev. and sheet no.) See Block 12		9. Related ECN No(s). None		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 Doc. No. N/A	11c. Complete Installation Work N/A	11d. Complete Restoration (Temp. ECN only) N/A	
Cog. Engineer Signature & Date			Cog. Engineer Signature & Date	

12. Description of Change

Block 8: Drawings H-2-77585, Sh 1, Rev 1
H-2-77586, Sh 3, Rev 0
H-2-77591, Sh 1, Rev 1
H-2-78461, Sh 1, Rev 1
H-2-78462, Sh 3, Rev 0
H-2-78465, Sh 1, Rev 1
Specification B-714-C2, Rev 1 (V-B714C2-003)

SC-3

MAR 1993 RECEIVED EDMC

APPROVED FOR PUBLIC RELEASE

SEE PAGE 3 FOR DESCRIPTION OF CHANGES

13a. Justification (mark one)

Criteria Change Environmental Facilitate Const.
Design Error/Omission Design Improvement As-Found Const. Error/Omission

13b. Justification Details

Item 1 thru 6: Contractor substitution request (Ref RFI #369). Fabrication shop unable to roll 1/4" plate to outside diameter specified without additional welding. Plate thickness reduced to allow for cost effective fabrication.
Item 7: Additional miscellaneous concrete items within the design drawings (ie, rectifier pads, pipe support blocks) may use 3000 psi minimum concrete without impacting any structural integrity.

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

KEH DISTRIBUTION
Const Doc Cntl E2-50

WHC DISTRIBUTION
Project Files R1-28
R. E. Clayton S1-54
M. W. Cling H4-57
STA. 6 T2-03
STA. 10 A3-87

J. K. Epperley R1-29
K. S. McCullough N1-83
R. K. Sanan [4] R4-05
T. W. Staehr (PE) R3-27
J. E. Vanbeek R3-27
G. H. Weissberg R3-10
DOE/A. G. Lassila A5-10
Ron Brunk H4-57
Lupe Garza L6-76

RELEASE STAMP

OFFICIAL RELEASE BY WHC

DATE OCT 16 1992

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ENGINEERING CHANGE NOTICE

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1. ECN (use no. from pg. 1)

B-714-152

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" 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"/> \$ 355⁰⁰</td> <td>Additional <input type="checkbox"/> \$ 0⁰⁰</td> </tr> <tr> <td>Savings <input type="checkbox"/> \$</td> <td>Savings <input type="checkbox"/> \$</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input checked="" type="checkbox"/> \$ 355 ⁰⁰	Additional <input type="checkbox"/> \$ 0 ⁰⁰	Savings <input type="checkbox"/> \$	Savings <input type="checkbox"/> \$	17. Schedule Impact (days) Improvement <input type="checkbox"/> Delay <input type="checkbox"/> N/A
ENGINEERING	CONSTRUCTION							
Additional <input checked="" type="checkbox"/> \$ 355 ⁰⁰	Additional <input type="checkbox"/> \$ 0 ⁰⁰							
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"/>	
Environmental Report <input type="checkbox"/>	Inspection Plan <input type="checkbox"/>	
Environmental Permit <input type="checkbox"/>	Inventory Adjustment Request <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
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20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog./Project Engineer <u>W. Stach</u>	<u>10/12/92</u>	PE <u>Ch. R.</u>	<u>10/7/92</u>
Cog./Project Engr. Mgr. <u>J. Whitehead</u>	<u>10/12/92</u>	QA <u>B.R. Sullivan</u>	<u>10-7-92</u>
*QA <u>Alley</u>	<u>10/12/92</u>	Safety <u>D. Lundgren</u>	<u>10-6-92</u>
Safety _____	_____	Design-STRL: <u>M. J. ...</u>	<u>10-6-92</u>
Security _____	_____	Other-ENVIR: <u>R. ...</u>	<u>10-6-92</u>
Proj. Prog./Dept. Mgr. _____	_____	PLE: <u>J. ...</u>	<u>10-7-92</u>
Def. React. Div. _____	_____	CQA: <u>J. ...</u>	<u>10-12-92</u>
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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ENGINEERING CHANGE NOTICE
CONTINUATION SHEET

- 1) H-2-77585, Sh 1, Rev 1
Detail 1, Plug (Z E3): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 2) H-2-77586, Sh 3, Rev 0
Detail 13, Plug (Z E6): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 3) H-2-77591, Sh 1, Rev 1
Detail 6, Plug (Z C3): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 4) H-2-78461, Sh 1, Rev 1
Detail 1, Plug (Z E3): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 5) H-2-78462, Sh 3, Rev 0
Detail 13, Plug (Z E6): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 6) H-2-78465, Sh 1, Rev 1
Detail 6, Plug (Z C3): Change 1/4" plate callout to read **PLATE 3/16" *****
ROLL TO 7-5/8" OD
- 7) SPEC B-714-C2, Rev 1

SECTION 03300, Para 2.1.1.4.a.2): Change to read as follows:

- 2) 4000 psi for all other, except as specified on the Drawings.

REGISTERED ENGINEER REVIEW - STRL ONLY



Miana Haq
10/15/92

EXPIRES 4/10/93

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