

START

ENGINEERING CHANGE NOTICE

0023330

Page 1 of 3

1. ECN ~~459219~~

Proj. ECN B-714-110

2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Supersedure <input type="checkbox"/> Discovery <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. R. G. Hollenbeck, KEH, E6-42, 6-0513		4. Date 1-8-92
	5. Project Title/No./Work Order No. B-714/ER8007 Grouted Waste Disposal Facilities	6. Bldg./Sys./Fac. No. 218-E-16	7. Impact Level 3/SC-2
	8. Document Number Affected (include rev. and sheet no.) See Block 12	9. Related ECN No(s). B-714-83	10. Related PO No. N/A

11a. Modification Work <input type="checkbox"/> Yes (fill out Blk. 11b) <input type="checkbox"/> No (NA Blks. 11b, 11c, 11d) 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
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12. Description of Change SC-3

Block 8: Specification B-714-C2, Rev 1 (V-B714C2-003)

1) **SECTION 02200**
 Paragraph 3.3.1.1.C: Add to end of paragraph: ...and trash, or as directed by KEH Engineering on a case by case basis. *MH 1/13/92*

2) **SECTION 09885** (Affects B-714-83)

A) Paragraph 1.5.1: Change to read: Environment for Application of Nokorode 705M.

B) Paragraph 3.3.6: Add to end of paragraph: ... the drawings with sufficient number of coats to result in an opaque coating with no bleed through.

C) Paragraph 3.6.2: Delete Premium Grade.

REGISTERED ENGINEERING REVIEW

STRUCTURAL (Item 1) 	ENVIRONMENTAL (Item 2) 
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13a. Justification (mark one) Criteria Change <input type="checkbox"/> Design Improvement <input type="checkbox"/> Environmental <input type="checkbox"/> As-Found <input type="checkbox"/> Facilitate Const. <input checked="" type="checkbox"/> Const. Error/Omission <input type="checkbox"/> Design Error/Omission <input type="checkbox"/>	13b. Justification Details See page 3.
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14. Distribution (include name; MSIN, and no. of copies)	J. S. Hill [2] H4-57 K. S. McCullough N1-83 D. B. Powell [4] R4-03 T. W. Staeh (PE) R3-27 J. E. Vanbeek R3-27 G. H. Weissberg R3-10 DOE A. G. Lassila A5-18	RELEASE STAMP OFFICIAL RELEASE 13 BY WHC DATE JAN 14 1992 <i>STA 4</i>
KEH DISTRIBUTION Const Doc Cntl E2-50 WHC DISTRIBUTION Project Files R1-28 J. K. Epperley R1-29 T. K. Cordray S1-54 STA 10 A3-87 STA 6 T2-03 Lupo GARZA A3-80		

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ENGINEERING CHANGE NOTICE

B-714-110

15. Design Verification Required

- Yes
 No

16. Cost Impact

<p>ENGINEERING</p> <p>Additional <input checked="" type="checkbox"/> \$ <u>280</u></p> <p>Savings <input type="checkbox"/> \$ _____</p>	<p>CONSTRUCTION</p> <p>Additional <input checked="" type="checkbox"/> \$ <u>100</u></p> <p>Savings <input type="checkbox"/> \$ _____</p>
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17. Schedule Impact (days)

None

Improvement NA

Delay _____

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.

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

20. Approvals

Signature	Date
OPERATIONS AND ENGINEERING	
Cog./Project Engineer <u>PW Stachur</u>	<u>1/10/92</u>
Cog./Project Engr. Mgr. <u>R. Lombardi</u>	<u>1/10/92</u>
QA <u>A.K. Cooney</u>	<u>1/13/92</u>
Safety _____	_____
Security _____	_____
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 _____	_____

Signature	Date
ARCHITECT-ENGINEER	
PE <u>K.C. Burgard</u>	<u>1/9/92</u>
QA <u>B.R. Sullivan</u>	<u>1-9-92</u>
Safety <u>J. Lundgren</u>	<u>1-8-92</u>
ENVIR Design <u>R. Hellenbeck</u>	<u>1-8-92</u>
Other <u>CIVIL M. Ataj</u>	<u>1/13/92</u>
<u>SPECS J. Breed</u>	<u>1/13/92</u>
<u>PLE S. Lee</u>	<u>1-8-92</u>
<u>ENVIR R. Hellenbeck</u>	<u>1-8-92</u>

DEPARTMENT OF ENERGY

ADDITIONAL

KEH CRA J.A. Yehli 1-13-92
1-10-92

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JUSTIFICATION DETAILS

- 1) Occasional inclusion of one or more of these items will not affect the required compaction of backfill as long as the requirements of compaction control tests per WSDOT (para 3.3.1.2.c of Spec Section 02200) are satisfied.
- 2A) Manufacturer's recommendations for material selected for depth gage markings are different from the requirements for the application of Nokorode 750M.
- 2B) Allows contractor to choose number and thickness of coats to achieve required coverage.
- 2C) same justification as 2B.

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