

START

ENGINEERING CHANGE NOTICE

1. ECN XXXXX-XXXX
1305178
Proj. ECN B-714-66

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

3. Originator's Name, Organization, MSIN, and Telephone No.
H.J. STEFFENS, KEH, E6-32, 6-6355

4. Date
11-15-90

5. Project Title/No./Work Order No.
SEE BLOCK 12

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

7. Impact Level
3

8. Document Number Affected (include rev. and sheet no.)
H-2-77622, SH 1, REV 0

9. Related ECN No(s).
B-714-63

10. Related PO No.
N/A

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

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

Block 5: B-714, GROUT VAULT PAIR (218-E-16-102 & 103)(218-E-16-104 & 105)/ER8007

1) ECN B-714-63, PG 3, ITEM 1B (affects H-2-77622, SH 1, REV 0)

NOTE 7: Change last sentence to read as follows

VAULT -102 EXCEPTION: THE BOTTOM 3 THERMOCOUPLES (20, 22 & 24) MOUNTED ON THE INSIDE WALL MAY BE MOUNTED 2" TO 4" FROM THE CONCRETE SURFACE.

R 11-15-90



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

13b. Justification Details

CONTRACTOR USED REBAR COUPLERS INSTEAD OF REBAR SPLICES, THEREFORE, THE PIPE CAP ENDS COULD NOT BE MAINTAINED FLUSH WITH THE EXTERIOR EDGE OF THE REBAR WITHIN PLUS OR MINUS 1/8".

THIS CHANGE DOES NOT IMPACT THE INTEGRITY OF THE PROJ DESIGN

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

KEH DISTRIBUTION

Const Doc Cntl E2-50
Engrg Doc Cntl E6-52

WHC DISTRIBUTION

Project Files R1-28
S. R. Briggs(PE R3-27
T. K. Cordray S1-54

STATION # 10 A3-87

WHC DISTRIBUTION (con't)

J. K. Epperley S0-05
O. A. Halverson R3-09
J. S. Hill [2]
D. B. Powell [4] R4-03
J. E. Vanbeek R3-27
DOE
A. G. Lassila A5-18

RELEASE STAMP

OFFICIAL RELEASE BY WHC

DATE NOV 16 1990

STATION # 4

13

91120560306

ENGINEERING CHANGE NOTICE

Page 2 of 2

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

B-714-66

15. Design Verification Required

Yes
 No

16. Cost Impact

<p>ENGINEERING</p> <p>Additional <input checked="" type="checkbox"/> \$ <u>300</u></p> <p>Savings <input type="checkbox"/> \$ _____</p>	<p>CONSTRUCTION</p> <p>Additional <input type="checkbox"/> \$ _____</p> <p>Savings <input checked="" type="checkbox"/> \$ <u>1000</u></p>
--	--

17. Schedule Impact (days)

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>
--	--	---

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
<u>OPERATIONS AND ENGINEERING</u>		<u>ARCHITECT-ENGINEER</u>	
Cog./Project Engineer <u>JR Brygg</u>	<u>11/16/90</u>	PE <u>KC Bingham</u>	<u>11/15/90</u>
Cog./Project Engr. Mgr. <u>J Van Breda</u>	<u>11/16/90</u>	QA <u>TD Hays</u>	<u>11-15-90</u>
QA <u>J. K. Casaday</u>	<u>11/16/90</u>	Safety <u>D Lundgren</u>	<u>11-15-90</u>
Safety <u>NA</u>	_____	Design <u>INSTM HQ Steffens</u>	<u>11/15/90</u>
Security _____	_____	Other <u>ENUIR Egidio Frit</u>	<u>11/15/90</u>
Proj. Prog./Dept. Mgr. _____	_____	PLE <u>PL Kosi</u>	<u>11/15/90</u>
Def. React. Div. _____	_____	_____	_____
Chem. Proc. Div. _____	_____	_____	_____
Def. Wst. Mgmt. Div. _____	_____	<u>DEPARTMENT OF ENERGY</u>	
Adv. React. Dev. Div. _____	_____	_____	_____
Proj. Dept. _____	_____	_____	_____
Environ. Div. _____	_____	<u>ADDITIONAL</u>	
IRM Dept. _____	_____	_____	_____
Facility Rep. (Ops) _____	_____	_____	_____
Other _____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

91120560307