

START

ENGINEERING CHANGE NOTICE

0010727

Page 1 of 4

1. ECN 123772
 Proj. ECN B-714-27

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

3. Originator's Name, Organization, MSIN, and Telephone No.
 K. C. Kenoyer, KEH, TCPC, 6-9340

4. Date
 3/2/90

5. Project Title/No./Work Order No. Vault Pair
 (218-E-16-102 & 103 B-714/ER8007)

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

7. Impact Level
 3

8. Document Number Affected (include rev. and sheet no.)
 See Block 12

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

10. Related PO No.
 N/A

- 11a. Modification Work
- Yes (fill out Blk. 11b)
 - No (NA Blks. 11b, 11c, 11e, 2-3)

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

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

Affected Drawings

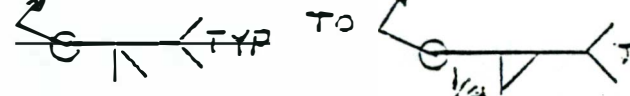
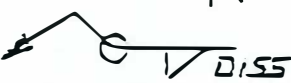
H-2-98442, SH1, Rev.0
 H-2-98442, SH2, Rev.0

H-2-77603, SH1, Rev.0
 H-2-77603, SH2, Rev.0

A. H-2-98442, SH1

1. Z D1, PN 23 - Change ASTM A554 to ASTM A554 MT 304.
2. Z D1, PN 29 - Change ASTM A194 GR B8 303 to ASTM A194 GR 8F 303.
3. Z B8 - Add Typ to weld symbol.
4. Z D6 - Add dimension IAW Page 3.
10 1/2" dia 3-5-90

B. H-2-98442, SH2

1. Z E6 - Change weld symbol from 
2. Z C4 - Delete weld symbol 
3. Z A6 - Change H-2-98474, SH2 to H-2-98474, SH1.
Ch 3-16-90
4. Z F2, PN 38 - Change 6/C #12 to 7/C #12.
5. Z F1, PN 39 - Change Rockbestos Mini-Trol NJ to Rockbestos Firewall III.



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

13b. Justification Details

To improve material selection and add fabrication information.
 Correct TOL and clarify welding examination and documentation requirements.

14. Distribution (include name, MSIN, and no. of copies)		WHC DISTRIBUTION STATION 10 A387	
KEH DISTRIBUTION		S. R. Briggs (PE) [4]	R3-27
Engrg Doc Cnt1	E6-52	O. A. Halverson	R3-09
Const Doc Cnt1	E2-50	J. F. Hill [2]	<u>H4-57</u>
		J. R. McGee	S1-54
		D. B. Powell [2]	R1-48
		W. J. Powell [4]	R1-48
		J. E. Vanbeek	R3-27
		D. D. Wodrich	R1-48
		A. E. Young	S0-05
		Project Files	R1-28
		DOE	
		A. G. Lassila	A5-18

RELEASE STAMP

OFFICIAL RELEASE
 BY WHC
 DATE MAR 23 1990

Station # 4

ENGINEERING CHANGE NOTICE

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>600</u></td> <td>Additional <input type="checkbox"/> \$ <u>N/A</u></td> </tr> <tr> <td>Savings <input type="checkbox"/> \$ _____</td> <td>Savings <input type="checkbox"/> \$ _____</td> </tr> </table>	ENGINEERING	CONSTRUCTION	Additional <input checked="" type="checkbox"/> \$ <u>600</u>	Additional <input type="checkbox"/> \$ <u>N/A</u>	Savings <input type="checkbox"/> \$ _____	Savings <input type="checkbox"/> \$ _____	17. Schedule Impact (days) Improvement <input type="checkbox"/> <u>N/A</u> Delay <input type="checkbox"/> _____
ENGINEERING	CONSTRUCTION							
Additional <input checked="" type="checkbox"/> \$ <u>600</u>	Additional <input type="checkbox"/> \$ <u>N/A</u>							
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"/>	_____ <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"/>	_____ <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
_____	_____	_____
_____	_____	_____
_____	_____	_____

20. Approvals

Signature	Date	Signature	Date
<u>OPERATIONS AND ENGINEERING</u>		<u>ARCHITECT-ENGINEER</u>	
Cog. Project Engineer <u>[Signature]</u>	<u>3-20-90</u>	PE <u>[Signature]</u>	<u>3/16/90</u>
Cog. Project Engr. Mgr. <u>[Signature]</u>	<u>3-20-90</u>	QA <u>[Signature]</u>	<u>3/16/90</u>
QA <u>[Signature]</u>	<u>3-21-90</u>	Safety <u>[Signature]</u>	<u>3-15-90</u>
Safety _____	_____	X Design <u>[Signature]</u>	<u>3/9/90</u>
Security _____	_____	Other <u>[Signature]</u>	<u>3-16-90</u>
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. _____	_____	_____	_____
Environ. Div. _____	_____	<u>ADDITIONAL</u>	
IRM Dept. _____	_____	_____	_____
Facility Rep. (Ops) _____	_____	_____	_____
Other _____	_____	_____	_____

91118660002

ENGINEERING CHANGE NOTICE CONTINUATION SHEET

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1. ECN

B-714-27

C. H-2-77603, SH1

Z C4 Change $0.10 \pm .10$ to $0.10 \pm .01$

D. H-2-77603, SH2

Replace Note 3.1 with:

"Visual Weld examinations and appropriate documentation shall be performed by personnel qualified to the existing Westinghouse Hanford Company program with oversight by Certified Welding Inspectors (CWI) who have received certification in accordance with AWS QC1. Documentation shall be signed or bear the Welding Inspector's Stamp, in addition to the CWI under whom the examination was performed."

91118860003

KAISER ENGINEERS
HANFORD

ENGINEERING CHANGE NOTICE SKETCH

Ref. Dwg.

H-2-98442

Sh.

1

Rev.

0

Prepared By

K.C. KENOYER

Checked By

R. L. Lane

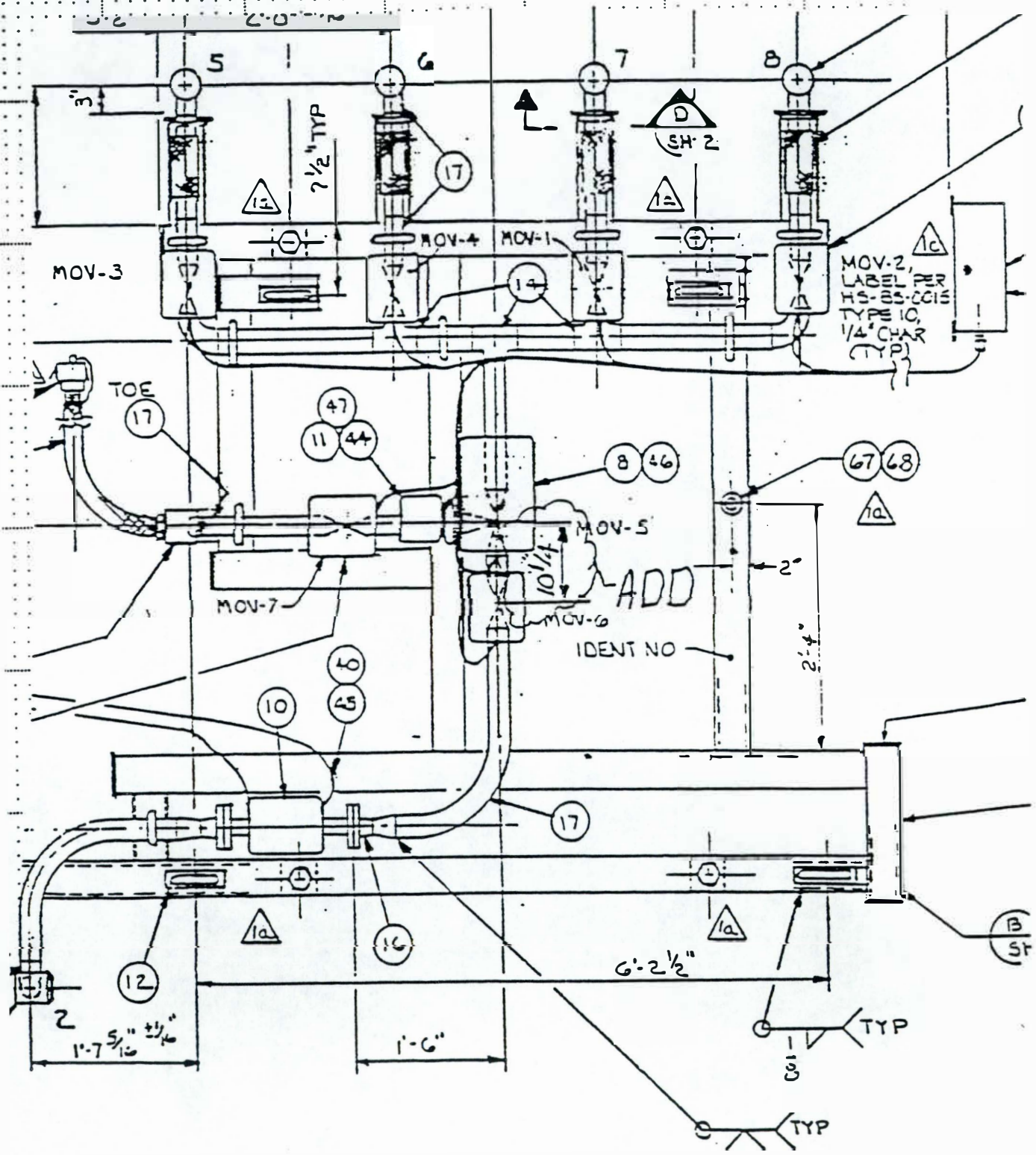
ECN No.

B-714-27

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3/12/66



PLAN

9111886004