

START ENGINEERING CHANGE NOTICE

1. ECN ~~127626~~

Proj. B714-59
ECN

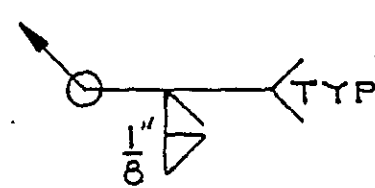
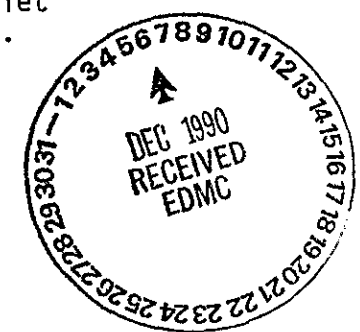
2. ECN Category (mark one) Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Supersedure <input type="checkbox"/> Discovery <input type="checkbox"/> Cancel/Void <input type="checkbox"/>	3. Originator's Name, Organization, MSIN, and Telephone No. R.G. Dove KEH E6-24 6-9340		4. Date 10-1-90
	5. Project Title/No./Work Order No. Grout Vaylt Pair (218-E-16-102 and 103) ER8007		6. Bldg./Sys./Fac. No. 218-E-16
	8. Document Number Affected (include rev. and sheet no.) See Block 12		9. Related ECN No(s). None

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
Documents Affected

H-2-77603 SH 1 Rev 0
~~H-2-77606 SH 1 Rev 0~~ CK 10/12/90
 H-2-77612 SH 1 Rev #0
 H-2-78482 SH.1 Rev #0 ER3 10/12/90

1) H-2-77603 SH1;ZN E-7 Revise weld size as shown below.
~~2) H-2-77606 SH1;ZN E-5,8 Revise weld size as shown below.~~ WR 10-16-90
 3) H-2-77612 SH1;ZN D-5 Add to note "---Modify by changing fillet weld size to 1/8" and by deleting-----.
 4) H-2-78482 SH1;ZN D-5 Add to note "---Modify by changing fillet weld size to 1/8" and by deleting-----.

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 type="checkbox"/> Const. Error/Omission <input type="checkbox"/> Design Error/Omission <input checked="" type="checkbox"/>	13b. Justification Details The configuration of the weld joint between a Purex connector block and pipe allows a 1/8" maximum fillet weld on the branch connection side zone.
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14. Distribution (include name, MSIN, and no. of KEHs) WHC DISTRIBUTION SR Briggs E3-27 * WN Rutherford E3-27 (3) JR McGee S1-54 DB Powell R4-03 [4] * W J Powell R4-03 * FR Hodges T2-06 PROJECT FILES R1-28	KEH DISTRIBUTION Const Dept Cntl E2-50 Engrg Dept Cntl E6-52 WHC DISTRIBUTION J. K. Epperley S0-05 O. A. Halverson R3-09 J. F. Hill [2] R4-57 J. E. Vanbeek R3-27 DOE A. G. Lassila A5-18	RELEASE STAMP OFFICIAL RELEASE BY WHC DATE OCT 23 1990 STATION #4
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* THIS ECN ONLY

ENGINEERING CHANGE NOTICE

1. ECN (use no. from pg. 1)
B-714-59
CR 9242 10/17/90

15. Design Verification Required <input checked="" 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>500</u></td> <td>Additional <input type="checkbox"/> \$ <u>NA</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>500</u>	Additional <input type="checkbox"/> \$ <u>NA</u>	Savings <input type="checkbox"/> \$ _____	Savings <input type="checkbox"/> \$ _____	17. Schedule Impact (days) Improvement <input type="checkbox"/> <u>NA</u> Delay <input type="checkbox"/> _____
ENGINEERING	CONSTRUCTION							
Additional <input checked="" type="checkbox"/> \$ <u>500</u>	Additional <input type="checkbox"/> \$ <u>NA</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.

<input type="checkbox"/> 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	_____

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
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog./Project Engineer <u>JRD</u>	<u>10/16/90</u>	PE <u>K C Bingham</u>	<u>10/11/90</u>
Cog./Project Eng. Mgr. <u>J E Van B...</u>	<u>10/19/90</u>	QA <u>TD H...</u>	<u>10-12-90</u>
QA <u>J...</u>	<u>10/19/90</u>	Safety <u>J...</u>	<u>10-9-90</u>
Safety _____	_____	Design <u>K C...</u>	<u>10/4/90</u>
Security _____	_____	EMU/Other <u>RL Newell</u>	<u>10-10-90</u>
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 _____	_____		

DEPARTMENT OF ENERGY

ADDITIONAL

6 1 5 7 9