

START

0022522

ENGINEERING CHANGE NOTICE

Page 1 of 3

1. ECN ~~142818~~

Proj. ECN 8-714-85

ECN Category (mark one) <input type="checkbox"/> Supplemental <input checked="" type="checkbox"/> Direct Revision <input type="checkbox"/> Change ECN <input type="checkbox"/> Temporary <input type="checkbox"/> Supersedeure <input type="checkbox"/> Discovery <input type="checkbox"/> Cancel/Void	3. Originator's Name, Organization, MSIN, and Telephone No. K. C. Kenoyer, KEH, E6-24, 6-9427		4. Date 03-29-91
	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.) 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 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

12. Description of Change

Block 5: B-714, Grout Vault Pair (218-E-16-102 & 103)(218-E-16-104 & 105)/ER8007

Block 8: Drawings - H-2-77602, Sh 1, Rev 0 ⁸¹⁸²
 H-2-77602, Sh 2, Rev 1 ✓
 H-2-78473, Sh 1, Rev 0 ✓
 H-2-78473, Sh 2, Rev 1 ✓

SEE PAGE 3 FOR DESCRIPTION OF CHANGES



13a. Justification (mark one) <input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> Design Error/Omission	13b. Justification Details (DE): OUTDATED COMPUTER DATA BASE RETRIEVED AT PREVIOUS REVISION . DESIGN ON DRAWINGS DID NOT REFLECT CORRECT RELEASED DESIGN. (CC): Vault support pits upgraded from Safety Class 3 to Safety Class 2 (Ref: WHC ECN #129077). Vault pits redesigned to confine a potential aerosol leak within pits (Ref: Safety Class Assignment Report #WHC-SD-WM-RPT-004, Rev 1; WHC ECN #112944). DESIGN ERROR DOES NOT IMPACT THE INTEGRITY OF THE FACILITY DESIGN
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14. Distribution (include name, MSIN, and no. of copies)		
<u>KEH DISTRIBUTION</u>		
Const Doc Cntl	E2-50	J. K. Epperley S0-05
Engng Doc Cntl	E6-52	O. A. Halverson R3-09
		J. S. Hill [2] H4-57
		K. S. McCullough N1-83
		D. B. Powell [4] R4-03
		J. E. Vanbeek R3-27
<u>WHC DISTRIBUTION</u>		
Project Files	R1-28	<u>DOE</u>
S. R. Briggs(PE)	R3-27	A. G. Lassila A5-18
T. K. Cordray	S1-54	
STATION 10	A3-87	

RELEASE STAMP

OFFICIAL RELEASE BY WHC 13

DATE MAY 08 1991

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ENGINEERING CHANGE NOTICE

15. Design Verification Required

- Yes
 No

16. Cost Impact

ENGINEERING

Additional \$ 300
Savings \$ _____

CONSTRUCTION

Additional \$ NA
Savings \$ _____

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.

SDD/DD <input type="checkbox"/> Functional Design Criteria <input type="checkbox"/> Operating Specification <input type="checkbox"/> Criticality Specification <input type="checkbox"/> Conceptual Design Report <input type="checkbox"/> Equipment Spec. <input type="checkbox"/> Const. Spec. <input type="checkbox"/> Procurement Spec. <input type="checkbox"/> Vendor Information <input type="checkbox"/> OM Manual <input type="checkbox"/> FSAR/SAR <input type="checkbox"/> Safety Equipment List <input type="checkbox"/> Radiation Work Permit <input type="checkbox"/> Environmental Impact Statement <input type="checkbox"/> Environmental Report <input type="checkbox"/> Environmental Permit <input type="checkbox"/>	Seismic/Stress Analysis <input type="checkbox"/> Stress/Design Report <input type="checkbox"/> Interface Control Drawing <input type="checkbox"/> Calibration Procedure <input type="checkbox"/> Installation Procedure <input type="checkbox"/> Maintenance Procedure <input type="checkbox"/> Engineering Procedure <input type="checkbox"/> Operating Instruction <input type="checkbox"/> Operating Procedure <input type="checkbox"/> Operational Safety Requirement <input type="checkbox"/> IEFD Drawing <input type="checkbox"/> Cell Arrangement Drawing <input type="checkbox"/> Essential Material Specification <input type="checkbox"/> Fac. Proc. Samp. Schedule <input type="checkbox"/> Inspection Plan <input type="checkbox"/> Inventory Adjustment Request <input type="checkbox"/>	Tank Calibration Manual <input type="checkbox"/> Health Physics Procedure <input type="checkbox"/> Spares Multiple Unit Listing <input type="checkbox"/> Test Procedures/Specification <input type="checkbox"/> Component Index <input type="checkbox"/> ASME Coded Item <input type="checkbox"/> Human Factor Consideration <input type="checkbox"/> Computer Software <input type="checkbox"/> Electric Circuit Schedule <input type="checkbox"/> ICRS Procedure <input type="checkbox"/> Process Control Manual/Plan <input type="checkbox"/> Process Flow Chart <input type="checkbox"/> Purchase Requisition <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/>
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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		Signature	Date
<u>OPERATIONS AND ENGINEERING</u>			<u>ARCHITECT-ENGINEER</u>		
Cog./Project Engineer	<u>LR Bunjin</u>	<u>5/7/91</u>	PE	<u>K.C. Bungard</u>	<u>5/7/91</u>
Cog./Project Engr. Mgr.	<u>LRP/NEV/DeB</u>	<u>5/7/91</u>	QA	<u>TDamp/DAStine</u>	<u>5-7-91</u> <u>5-7-91</u>
QA	<u>D.K. Cooney</u>	<u>5/7/91</u>	Safety	<u>[Signature]</u>	<u>5-6-91</u>
Safety	_____	_____	Design	<u>PIPING: [Signature]</u>	<u>5-7-91</u>
Security	_____	_____	Other	<u>ENVIR: [Signature]</u>	<u>5/7/91</u>
Proj. Prog./Dept. Mgr.	_____	_____	PLE:	<u>[Signature]</u>	<u>5/6/91</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	_____	_____			
	_____	_____			
	_____	_____			
	_____	_____			

- 1) H-2-77602, Sh 1, Rev 0
- A) **PLANS:** Change slot callout; modify jumper layout to show updated arrangement and change cover block configuration to reflect new design generated by structural department. Misc corrections including deletion of duplication of drawing cross referencing.
 - B) Change MATL/REF for PN 6
 - C) Change Note 2 & 3 and Add Note 7
 - D) **TITLE BLOCK:** Change Rev 0 to Rev 1
- 2) H-2-77602, Sh 2, Rev 1
- A) **ELEVATION:** Regenerate previous REV 0 jumper design, change drain seal assy and change pit walls and cover block to reflect new design generated by structural department.
 - B) **PLAN:** Regenerate previous REV 0 jumper design, change slot callout and change cover block to reflect new design generated by structural department.
 - C) **ASSY 9 (FLANGE):** Change Inside Diameter (ID)
 - D) **TITLE BLOCK:** Change Rev 1 to Rev 2
- 3) H-2-78473, Sh 1, Rev 0
- A) **PLANS:** Change slot callout and change cover block configuration to reflect new design generated by structural department.
 - B) Change MATL/REF for PN 6
 - C) Change Note 2 & 3 and Add Note 7
 - D) **TITLE BLOCK:** Change Rev 0 to Rev 1
- 4) H-2-78473, Sh 2, Rev 1
- A) **ELEVATION:** Change drain seal assy and change pit walls and cover block to reflect new design generated by structural department.
 - B) **PLAN:** Change slot callout and change cover block to reflect new design generated by structural department
 - C) **ASSY 9 (FLANGE):** Change Inside Diameter (ID)
 - D) **TITLE BLOCK:** Change Rev 1 to Rev 2

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