

ENGINEERING CHANGE NOTICE

1. ECN ~~126297~~

Proj. ECN W-016-73

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

3. Originator's Name, Organization, MSIN, and Telephone No.
W. A. Holstein, KEH, E6-41, 6-3574

4. Date
10/7/91

5. Project Title/No./Work Order No.
RMW Storage, PH 2 - 4

6. Bldg./Sys./Fac. No.
2403WB,WC,WD

7. Impact Level
3 /SC3

8. Document Number Affected (include rev. and sheet no.)
W-016H-C3, Rev. 2

9. Related ECN No(s).
W-016-67

10. Related PO No.
N/A

11a. Modification Work
 Yes (fill out Blk. 11b)
 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
THIS ECN SUPERCEDES ECN W-016-67 IN ITS ENTIRETY.

1. Section 01300:
Revise Paragraph 1.3 Schedule of Submittals, per attached pages 3, 4, 5, 6, and 7.

2. Delete the following Paragraphs:

Section	Paragraph	Section	Paragraph
01310	1.3.1.1.A	02200	1.2.1
02668	1.2.2	03300	1.2.1
05500	1.2.1	07400	1.2.1, 1.2.2
07600	1.2.1	08100	1.2.1
08710	1.2.1	09805	1.2.1
10440	1.2.1	15300	1.2.2
16720	1.2.2		

APPROVED FOR PUBLIC RELEASE

5/11/92 N. Jones

Scary
10/21

3. Delete the following Vendor Information Lists:
02668-7 09805-5 15300-8 16720-11



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

13b. Justification Details
ECN W-016-67 was written per customer request. This ECN clarifies the directions contained in ECN W-016-67.

14. Distribution (include name, MSIN, and no. of copies)	
KEH DISTRIBUTION	WHC DISTRIBUTION
H. E. Wellsfry G6-47(WHC)	Project Files R1-28
Const Doc Cntl E2-50	N. F. Barilo R3-54
STA. 10 A3-87	J. K. Epperley R1-29
STA. 6 T2-03	J. R. McGee G6-47
LUPE Garza A3-80	P. J. McKenna R3-54
	H. E. Wellsfry(PE) G6-47
	T. L. Yount G6-47
	DOE/M. S. Collins A5-18

RELEASE STAMP

OFFICIAL RELEASE BY WHC

DATE OCT 22 1991

Sta. 4

ENGINEERING CHANGE NOTICE

W-016-73

15. Design Verification Required <input type="checkbox"/> Yes <input checked="" 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>126</u></td> <td>Additional <input checked="" type="checkbox"/> \$ <u>0</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>126</u>	Additional <input checked="" type="checkbox"/> \$ <u>0</u>	Savings <input type="checkbox"/> \$ _____	Savings <input type="checkbox"/> \$ _____	17. Schedule Impact (days) Improvement <input checked="" type="checkbox"/> <u>0</u> Delay <input type="checkbox"/> _____
ENGINEERING	CONSTRUCTION							
Additional <input checked="" type="checkbox"/> \$ <u>126</u>	Additional <input checked="" type="checkbox"/> \$ <u>0</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
<u>OPERATIONS AND ENGINEERING</u>		<u>ARCHITECT-ENGINEER</u>	
Cog./Project Engineer <u>H.S. Walley</u>	<u>10-21-91</u>	PE <u>William M. A. [Signature]</u>	<u>10/21/91</u>
Cog./Project Engr. Mgr. <u>Th. Yount</u>	<u>10-21-91</u>	QA <u>James Salisbury</u>	<u>10-18-91</u>
QA <u>Jack [Signature]</u>	<u>10-21-91</u>	Safety <u>[Signature]</u>	<u>10-17-91</u>
Safety _____	_____	Design <u>[Signature]</u>	<u>10-16-91</u>
Security _____	_____	Other <u>N/A</u>	_____
Proj. Prog./Dept. Mgr. _____	_____	SPEC. <u>[Signature]</u>	<u>10-17-91</u>
Def. React. Div. _____	_____	ENVIR <u>David [Signature]</u>	<u>10-18-91</u>
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 _____	_____	_____	_____

1.3 SCHEDULE OF SUBMITTALS

Submittal Number	Submittal Title	Quantity	Review and Approval	Review For Record
CONTRACT GENERAL CONDITIONS				
55.2	Safety Program and Job Safety Analysis	5	5 days before start of work	
55.3	Industrial Injury/illness Experience	5		5 days before start of work and each month
55.5.1	OSHA Form No. 200 Report	5		5th working day, each month
55.6	Equipment Certification	5		2 days before bringing equipment onsite
SPECIAL PROJECT PROCEDURES				
01100/1.2.1.1	Hazardous Materials List	5		Prior to delivery
01100/1.2.1.2	MSDS	5		Prior to delivery
01100/1.2.1.3	Method of Storage	5		Prior to delivery
01100/1.2.1.4	Method of Waste Storage	5		Prior to delivery
PROGRESS SCHEDULES				
01310/1.3.1.1	Progress Schedule for First 60 Days	5	10 days after notice of award	DELETE
01310/1.3.1.1	Progress Schedule for Duration of Contract	5	30 days after notice of award	

W016HC3.SP2.2925

01300 - 3

W-016H-C3
Rev 2

Submittal Number	Submittal Title	Quantity	Review and Approval	Review For Record
PROGRESS SCHEDULES (Continued)				
01310/1.4	CPM Project Schedule	5	30 days after notice of award	
01310/1.5.1	Initial Bi-Weekly Work Schedule	2	10 days after notice of award	
01310/1.5.1	Subsequent Bi-Weekly Work Schedules	2	By noon each Friday	
EARTHWORK 02200/1.2.1	Method to Prevent Damage During Excavation	5	Before excavation	DELETE
HOT-LAID ASPHALTIC CONCRETE PAVING				
02512/1.2.1	Laboratory Reports	5	Before delivery	
PIPED UTILITIES				
02650/1.2.1	Approval Data	5	Before delivery	
02650/1.2.2	Leak/Pressure Test Procedures	5	Before testing	
02650/1.2.3	NFPA Test Certificate	5	Within 10 days after completion	
FIRE WATER SYSTEMS				
02668/1.2.1	Approval Data	5	Before delivery	DELETE
02668/1.2.2	Vendor Information	12		Before installation
02668/1.2.3	NFPA Test Certificate	5	Within 10 days after completion	

W016HC3.SP2.2925

01300 - 4

W-016H-C3
Rev 2

Submittal Number	Submittal Title	Quantity	Review and Approval	Review For Record
CAST-IN-PLACE CONCRETE				
03300/1.2.1	Certification of Ready Mixed Concrete Production Facilities	5	Before mixing	
03300/1.2.2	Reinforcing Steel Fabricator Drawings	5	Before delivery	
03300/1.2.3	Block Diagram	5	Before installation of forms	
03300/1.2.4	Concrete Materials, Mix Design and Mix Proportions	5	Before mixing	
03300/1.2.5	Cold Weather Concreting	5	Before placing concrete	
03300/1.2.6	Curing Procedure	5	Before mixing	
METAL FABRICATIONS				
05500/1.2.1	Fabricator Drawings for Gratings	5	Before fabrication	
PREFORMED ROOFING AND CLADDING/SIDING				
07400/1.2.1	Fabricator Drawings	5	Before fabrication	
07400/1.2.2	Color Samples	3	Before fabrication	
FLASHING AND SHEET METAL				
07600/1.2.1	Fabricator Drawings	5	Before fabrication	
SEALANTS AND CALKING				
07920/1.2.1	Manufacturer's Installation Instructions	5	Before application	
METAL DOORS AND FRAMES				
08100/1.2.1	Fabricator Drawings	5	Before delivery	

DELETE

071107116

W016HC3.SP2.2925

01300 - 5

W-016H-C3
Rev 2

Submittal Number	Submittal Title	Quantity	Review and Approval	Review For Record
OVERHEAD COILING DOORS				
08332/1.2.1	Fabricator Drawings	5	Before delivery	
FINISH HARDWARE				
08710/1.2.1	Hardware List	5	Concurrent with doors and frames	
SPECIAL PROTECTIVE COATING				
09805/1.2.1	Vendor Information	12		Before installation
09805/1.2.2	List of Materials	5	Before delivery	
09805/1.2.3	Certificate of Compatibility	5	Before delivery	
09805/1.2.4	Crew Certification	5	Before application	
09805/1.2.5	Application Instructions	5		Before application
PAINTING				
09900/1.2.1	List of Materials	5	Before delivery	
09900/1.2.2	Color Samples	3	Before delivery	
INTERIOR SIGNS				
10440/1.2.1	Manufacturer's Data	5	Before delivery	
PRE-ENGINEERED STRUCTURES				
13120/1.2.1	Erection Instructions and Diagrams	5	Before delivery	
13120/1.2.2	Certificates of Conformance or Compliance	5	Before delivery	
13120/1.2.3	Color Samples	1	Before delivery	

DELETE

W016HC3.SP2.2925

01300 - 6

W-016H-C3
Rev 2

Submittal Number	Submittal Title	Quantity	Review and Approval	Review For Record
FIRE PROTECTION				
15300/1.2.1	Approval Data	5	Before delivery	
15300/1.2.2	Vendor Information	12		Before installation
15300/1.2.3	Design/Fabricator Drawings	5	Before fabrication	
15300/1.2.4	Seismic Calculations	5	Before fabrication	
15300/1.2.5	Record Drawings	5		Within 10 days after completion
15300/1.2.6	NFPA Test Certificate	5		Within 10 days after completion
HEATING, VENTILATING, AND AIR CONDITIONING				
15500/1.2.1	Approval Data	5	Before delivery	
15500/1.2.2	Vendor Information	12		Before installation
15500/1.2.3	Test Data	5		Within 10 days after test completion
SERVICE AND DISTRIBUTION				
16400/1.2.1	Approval Data	5	Before delivery	
ALARM AND DETECTION SYSTEMS				
16720/1.2.1	Approval Data	5	Before Delivery	
16720/1.2.2	Vendor Information	12		Before installation

DELETE

W016HC3.SP2.2925

01300 - 7

W-016H-C3
Rev 2