

ENGINEERING CHANGE NOTICE

1. ECN 167423

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Proj. ECN

FILE COPY

IPF
*6

2. ECN Category (mark one)	Supplemental <input checked="" type="checkbox"/>	Change ECN <input type="checkbox"/>	Supersedeure <input type="checkbox"/>
Cancel/Void <input type="checkbox"/>	Direct Revision <input type="checkbox"/>	Temporary <input type="checkbox"/>	Discovery <input type="checkbox"/>

3. Originator's Name, Organization, MSIN, and Telephone No. R. G. Egge, 81440, R2-77, 3-2774, UA1BC (Charge Code).	4. Date June 3, 1992
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5. Project Title/No./Work Order No. "R" Doors at U-Plant are not air tight	6. Bldg./Sys./Fac. No. 2004 221-U	7. Impact Level +35 <i>rc</i>
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8. Document Number Affected (include rev. and sheet no.) H-2-44511 REV 6/12/88 ^{5HT} ASHT 68 AND 76 REV. 4	9. Related ECN No(s). N/A	10. Related PO No. N/A
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11a. Modification Work <input checked="" type="checkbox"/> Yes (fill out Blk. 11b) <input type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package Doc. No. 2Y-92-00141	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

- Place 12 gauge primed and painted steel shelts over "R" doors at section 3, 5, 7, 11, 13, 15, 17 and 19 using an RTV sealant between the steel sheet and the door frame of the 221-U canyon building.
- Attach the metal sheeting as described on page 4 of this ECN using 1" screws.
- Put 1/2" plywood sheeting over the interior openings to these stairwells and bolt into place as described on page 5 of this ECN. Mark these wooden panels, "NO EXIT"

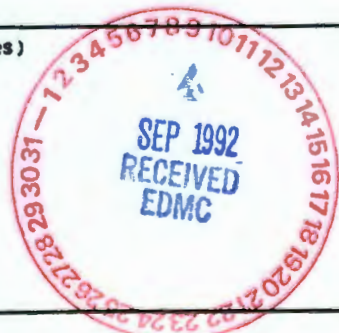
***NOTE: THE NEXT 2 STEPS ARE FOR DOORS 1 AND 9 ONLY

- Remove the original wooden door frame and door.
- Install a 7' crash bar door, per manufacturers instructions, on the exterior access of sections 1 and 9 as described on page 6 of this ECN.

13a. Justification (mark one)	Criteria Change <input type="checkbox"/>	Environmental <input type="checkbox"/>	Facilitate Const. <input type="checkbox"/>
Design Error/Omission <input type="checkbox"/>	Design Improvement <input checked="" type="checkbox"/>	As-Found <input type="checkbox"/>	Const. Error/Omission <input type="checkbox"/>

13b. Justification Details
Seal building and limit access

14. Distribution (include name, MSIN, and no. of copies)		
R. G. Egge	R2-77	(2)
B. F. Weaver	T3-11	(1)
M. R. Morton	R2-77	(1)



RELEASE STAMP

OFFICIAL RELEASE BY WHC

DATE JUN 12 1992

Sta. 4

dtc 1-5-20

ENGINEERING CHANGE NOTICE

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

167423

15. Design Verification Required [] Yes [X] No	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
	Additional [] \$	Savings [] \$	Additional [] \$	Savings [] \$	Improvement []	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/OD	[]	Seismic/Stress Analysis	[]	Tank Calibration Manual	[]
Functional Design Criteria	[]	Stress/Design Report	[]	Health Physics Procedure	[X]
Operating Specification	[]	Interface Control Drawing	[]	Spares Multiple Unit Listing	[]
Criticality Specification	[]	Calibration Procedure	[]	Test Procedures/Specification	[]
Conceptual Design Report	[]	Installation Procedure	[]	Component Index	[]
Equipment Spec.	[]	Maintenance Procedure	[X]	ASME Coded Item	[]
Const. Spec.	[]	Engineering Procedure	[]	Human Factor Consideration	[]
Procurement Spec.	[]	Operating Instruction	[]	Computer Software	[]
Vendor Information	[]	Operating Procedure	[]	Electric Circuit Schedule	[]
OM Manual	[]	Operational Safety Requirement	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Drawing	[]	Process Control Manual/Plan	[]
Safety Equipment List	[]	Cell Arrangement Drawing	[]	Process Flow Chart	[]
Radiation Work Permit	[X]	Essential Material Specification	[]	Purchase Requisition	[]
OE Environmental Impact Statement	[]	Fac. Proc. Samp. Schedule	[]		[]
Environmental Report	[]	Inspection Plan	[]		[]
Environmental Permit	[]	Inventory Adjustment Request	[]		[]

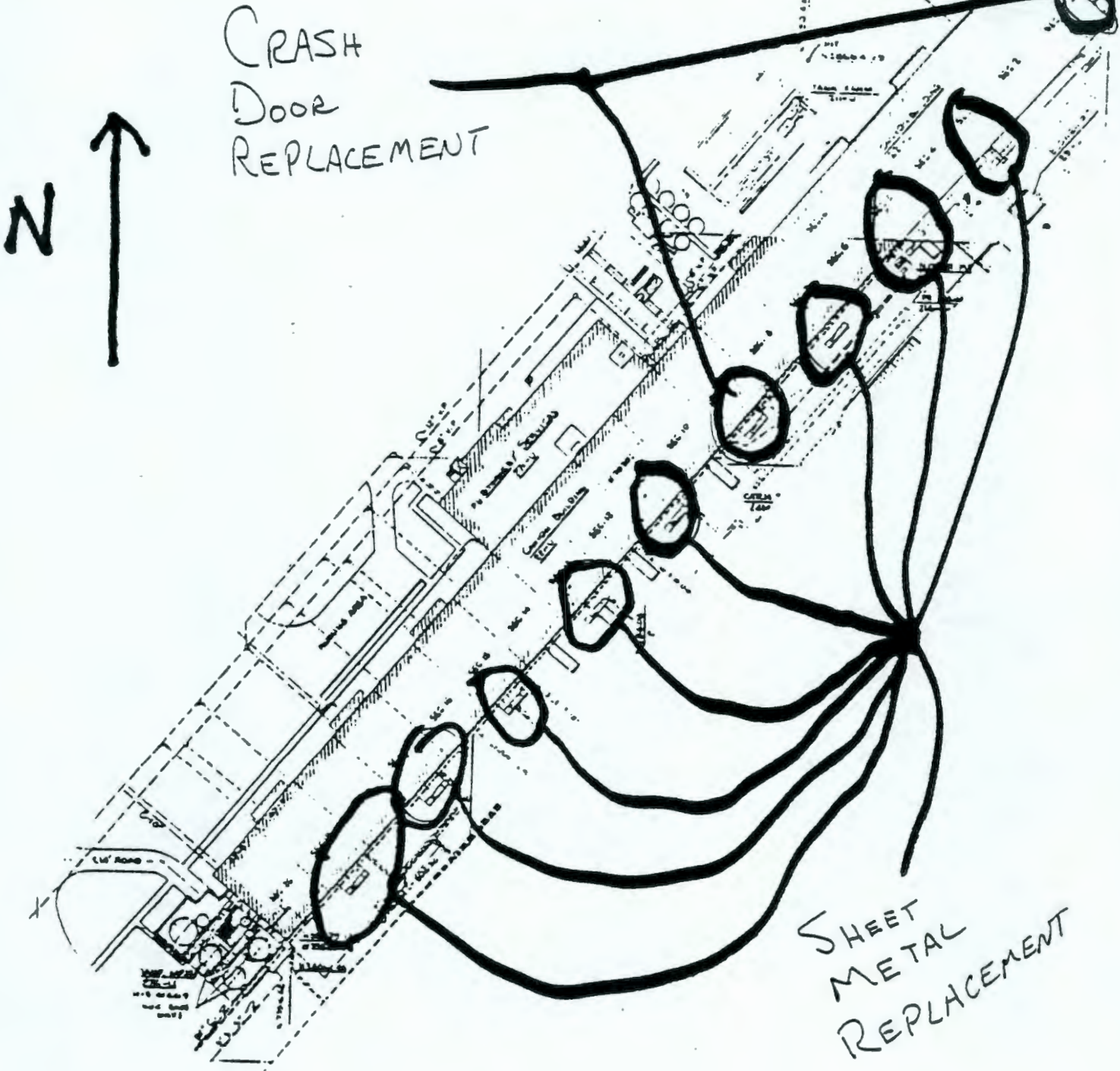
19. Other Affected Documents: (NOTE: Documents listed below will not be revised by this ECN.) Signatures below indicate that the signing organization has been notified of other affected documents listed below.

Document Number/Revision	Document Number/Revision	Document Number/Revision

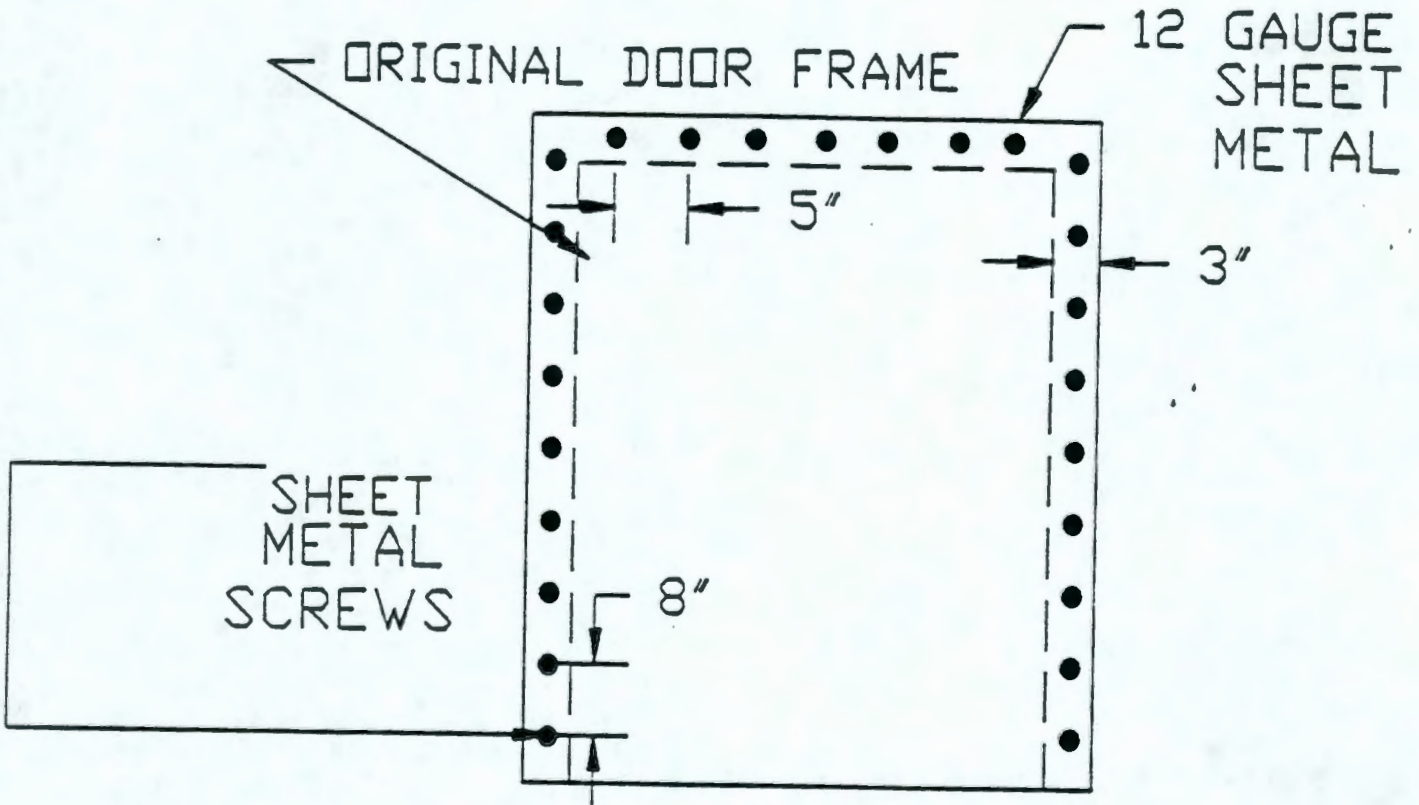
20. Approvals

Signature	Date	Signature	Date
OPERATIONS AND ENGINEERING		ARCHITECT-ENGINEER	
Cog./Project Engineer R. G. Egge <i>RGE</i>	<u>6-10-92</u>	PE	_____
Cog./Project Engr. Mgr. M. R. Morton <i>MRM</i>	<u>6-11-92</u>	QA	_____
QA	_____	Safety <i>D.B. Tullis</i>	<u>6/11/92</u>
Safety ←	_____	Design	_____
Security	_____	Other	_____
Proj. Prog./Dept. Mgr.	_____		_____
Def. React. Div.	_____		_____
Chem. Proc. Div.	_____		_____
Def. Wst. Mgmt. Div.	_____	DEPARTMENT OF ENERGY	_____
Adv. React. Dev. Div.	_____		_____
Proj. Dept.	_____		_____
Environ. Div.	_____	ADDITIONAL	_____
IRM Dept.	_____		_____
Facility Rep. (Ops.) B. F. Weaver <i>BFW</i>	<u>6-10-92</u>		_____
Other	_____		_____

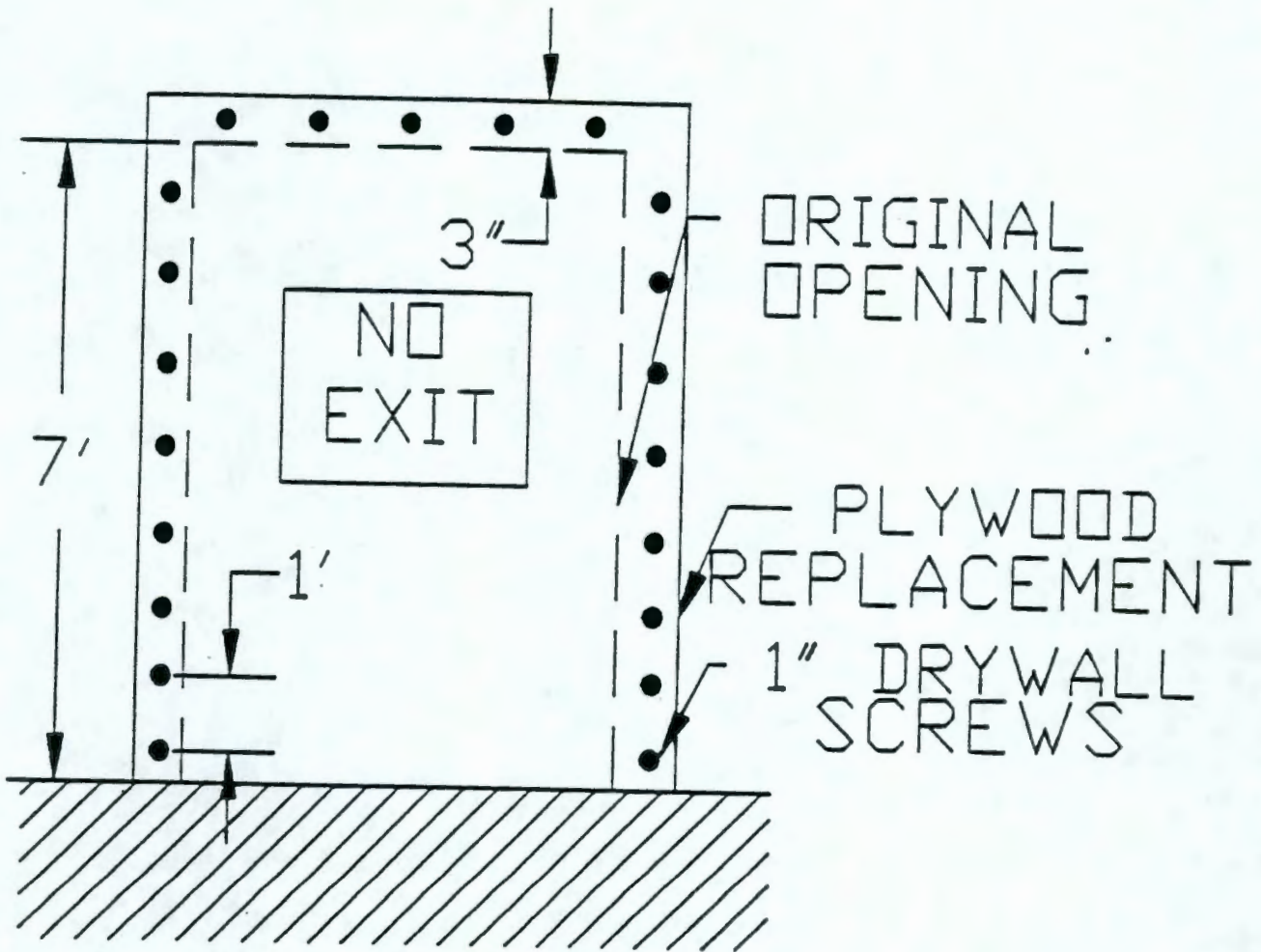
GENERAL AREA MAP OF AFFECTED REGION
(H-2-4451 Sheet 68 and 76 Rev 1)
221-U
AREAS OF CHANGE



SHEET METAL REPLACEMENT OF
OF THE 221-U "R" DOORS
(Except door 1 and 9)



PLYWOOD REPLACEMENT
INTERIOR ACCESS
(Not door 1 and 9)



CRASH DOOR INSTALLATION
MUST REMOVE WOOD FRAME
AND INSERT METAL FRAME

VIEW FROM INSIDE

