

START

0026802

ENGINEERING CHANGE NOTICE

Page 1 of 5

1. ECN ~~187782~~

Proj. ECN B-714-158

2. ECN Category (mark one)	Supplemental <input checked="" type="checkbox"/>	Change ECN <input type="checkbox"/>	Supersedure <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.
A. R. Snowwhite, KEH, E6-42, 6-0324

4. Date
10-23-92

5. Project Title/No./Work Order No.
GROUTED WASTE DISPOSAL FACILITIES
B-714/ER8007

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

7. Impact Level
3Q/SC-2

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 checked="" type="checkbox"/> No (NA Blks. 11b, 11c, 11d)	11b. Work Package Doc. No. N/A	11c. Complete Installation Work N/A	11d. Complete Restoration (Temp. ECN only) N/A
Cog. Engineer Signature & Date		Cog. Engineer Signature & Date	

12. Description of Change

BLOCK 8: H-2-77639 Sh 1, Rev 2
H-2-77639 Sh 2, Rev 2
H-2-77649 Sh 2, Rev 0
H-2-78505 Sh 1, Rev 2
H-2-78505 Sh 2, Rev 2

SC-3: Item 3 only
SC-2: All other items

APPROVED FOR PUBLIC RELEASE

DESCRIPTION OF CHANGES ON PAGE 3

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

13b. Justification Details
(AF-Item 1A, 2, 4A, & 5): Repositioning of the pilot light and cable connector is necessary due to space limitations within the relay enclosure. (AF-Item 1B, & 4B): A mounting plate for the relay is necessary to accommodate installation of the pilot light. (AF-Item 3A): PVC Cable Jacket material is more readily available from manufacturers. (DE-Item 3B): Backshell was omitted in specification note. SAFETY CLASS 2 CHANGES DO NOT IMPACT THE INTEGRITY OF THE ORIGINAL FACILITY DESIGN.

14. Distribution (include name, MSIN, and no. of copies)		
KEH DISTRIBUTION	J. K. Epperley	R1-29
Const Doc Cntl E2-50	K. S. McCullough	N1-83
	R. K. Sanan [4]	R4-05
WHC DISTRIBUTION	T. W. Staehr (PE)	R3-27
Project Files R1-28	J. E. Vanbeek	R3-27
R. E. Clayton S1-54	G. H. Weissberg	R3-10
M. W. Cling H4-57	DOE/A. G. Lassila	A5-10
STA. 6 T2-03	STA. 10	A3-87

RELEASE STAMP

OFFICIAL RELEASE BY: VHC

DATE OCT 30 1992

5

Sta. 4



93129340641

ENGINEERING CHANGE NOTICE

Page 2 of 5

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

B-714-158

15. Design Verification Required
 Yes
 No

16. Cost Impact

ENGINEERING	CONSTRUCTION
Additional Savings <input checked="" type="checkbox"/> \$ 106 ⁰⁰	Additional Savings <input checked="" type="checkbox"/> \$ 2500 ⁰⁰
<input type="checkbox"/> Savings	<input type="checkbox"/> Savings

17. Schedule Impact (days)

Improvement N/A
 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"/>	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
OPERATIONS AND ENGINEERING			ARCHITECT-ENGINEER		
Cog./Project Engineer	<u><i>W. Steinhilber</i></u>	<u>10/29/92</u>	PE	<u><i>Cap B</i></u>	<u>10/28/92</u>
Cog./Project Engr. Mgr.	<u><i>William Boof</i></u>	<u>10/29/92</u>	QA	<u><i>B.R. Fullin</i></u>	<u>10-28-92</u>
QA	<u><i>[Signature]</i></u>	<u>10/30/92</u>	Safety	<u><i>D. Lundgren</i></u>	<u>10-27-92</u>
Safety	_____	_____	Design-ELEC:	<u><i>A. Snowhite</i></u>	<u>10-23-92</u>
Security	_____	_____	Other ENVIR:	<u><i>[Signature]</i></u>	<u>10-27-92</u>
Proj. Prog./Dept. Mgr.	_____	_____	PLE:	<u><i>[Signature]</i></u>	<u>10-28-92</u>
Def. React. Div.	_____	_____	CQA:	<u><i>[Signature]</i></u>	<u>10-19-92</u>
Chem. Proc. Div.	_____	_____	DEPARTMENT OF ENERGY		
Def. Wst. Mgmt. Div.	_____	_____			
Adv. React. Dev. Div.	_____	_____			
Proj. Dept.	_____	_____			
Environ. Div.	_____	_____			
IRM Dept.	_____	_____			
Facility Rep. (Ops.)	_____	_____			
Other	_____	_____			

93129340642

- 1) H-2-77639 Sh 1, Rev 2
 A) (Z E6-F8): Modify as shown on page 4 of this ECN.
 B) (Z B1-2): Add Note 6 as follows:

6. POSITION RELAY INSIDE ENCLOSURE TO PROVIDE SPACE FOR THE PILOT LIGHT CONTACT BLOCK. UTILIZE A 14 GA MIN STEEL PLATE FASTENED TO THE INSIDE OF THE ENCLOSURE USING THE MOUNTING NUTS PROVIDED BY THE RELAY MANUFACTURER. SECURE THE RELAY TO THE MOUNTING PLATE BY USE OF (3) MACHINE SCREWS.

- 2) H-2-77639 Sh 2, Rev 2
(Z E5-F6): Modify as shown on page 4 of this ECN.
- 3) H-2-77649 Sh 2, Rev 0
 A) (Z A5) Detail 3: Change "Polyurethane" to "PVC"
 B) (Z B3) Detail 3: Add WITH TYPE "S" BACKSHELL after PV-76L22-55PL
- 4) H-2-78505 Sh 1, Rev 2
 A) (Z E6-F8): Modify as shown on page 5 of this ECN.
 B) (Z B1-2): Add Note 6 as shown in Item 1B above.
- 5) H-2-78505 Sh 2, Rev 2
(Z E5-F6) Modify as shown on page 5 of this ECN.

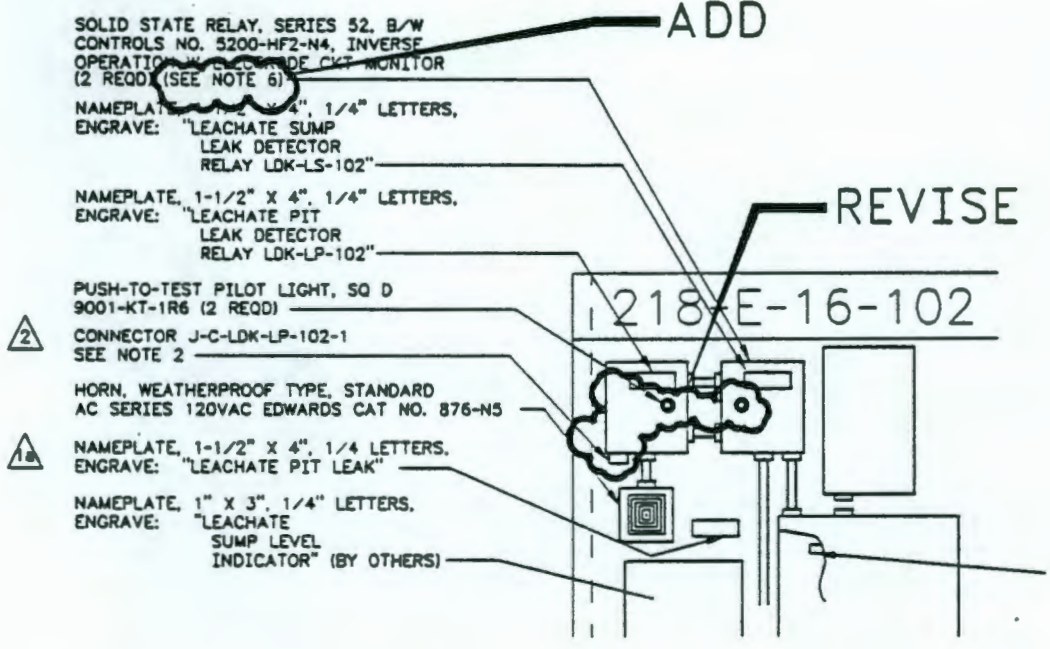
 REGISTERED ENGINEER REVIEW - ELEC ONLY



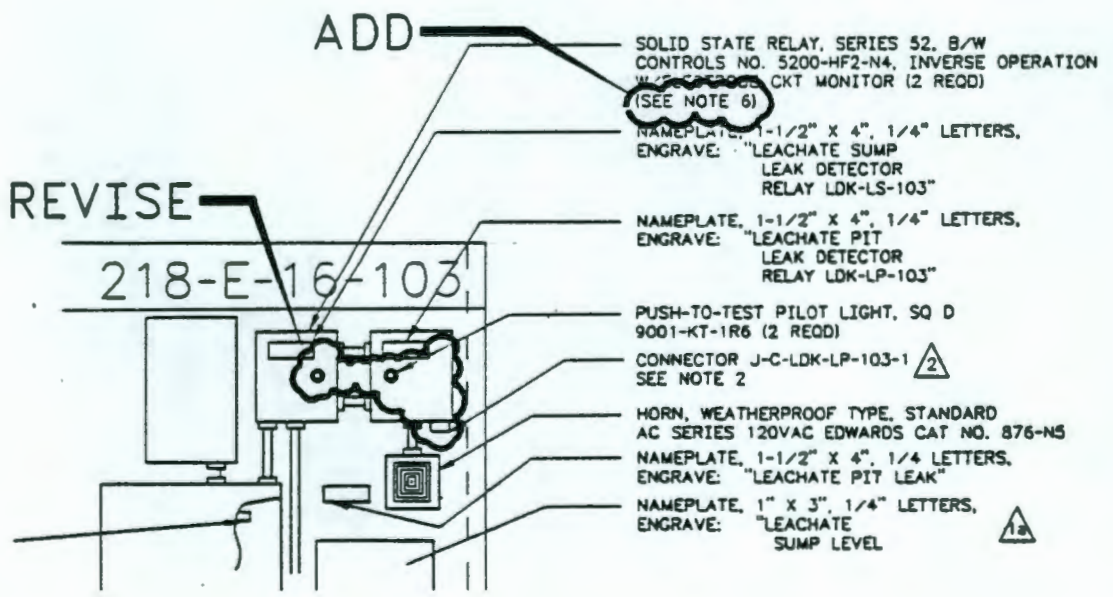
EXPIRES 5/30/95

93129340643

Ref. Dwg. H-2-77639	Sh. 1	Rev. 2	Prepared By TE COYNE	Checked By <i>R. Shuckite</i>	ECN No. B-714-158	Page 4/5
H-2-77639	2	2				



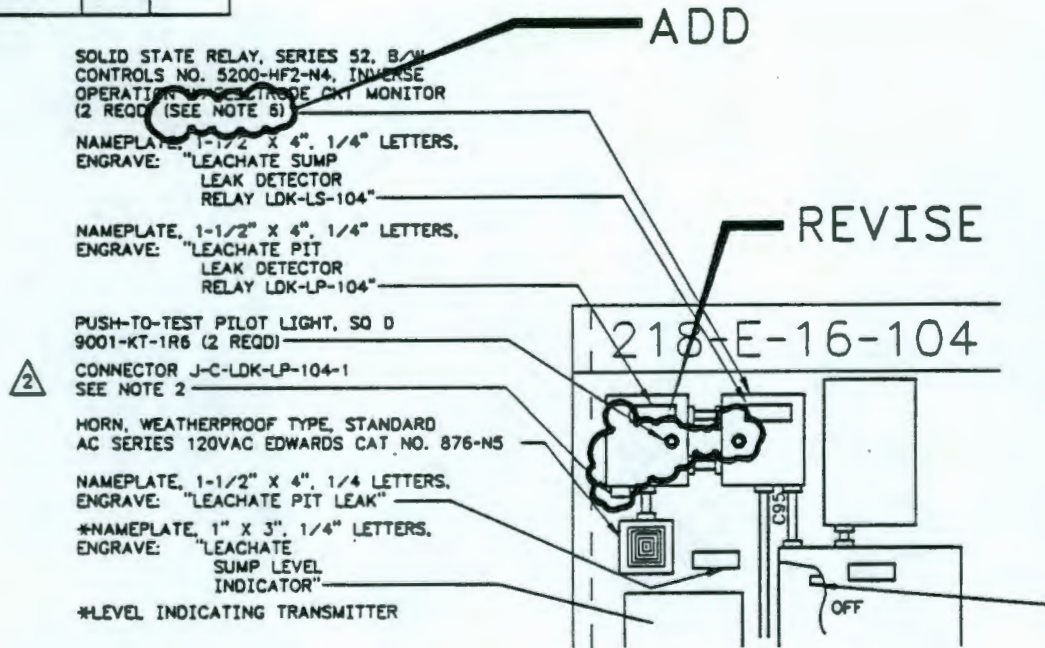
REF DWG H-2-77639 SH 1



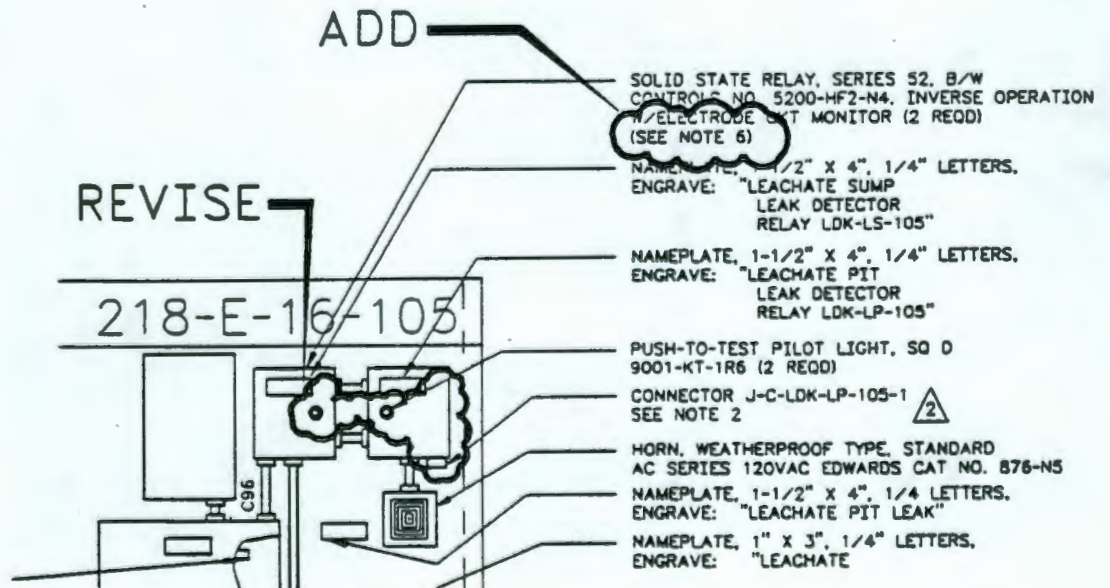
REF DWG H-2-77639 SH 2

93129340644

Ref. Dwg.	Sh.	Rev.	Prepared By	Checked By	ECN No.	Page
H-2-78505	1	2	TE COYNE	<i>R. Snowwhite</i>	B-714-158	5/5
H-2-78505	2	2				



REF DWG H-2-78505 SH 1



REF DWG H-2-78505 SH 2

93129340645