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Mr. John Grantham
State of Washington
Department of Ecology
Nuclear & Mixed Waste Program
P. O. Box 47600
Olympia, WA 98504-7600

FLUOR DANIEL, INC.

Date: October 14, 1993

Reference: Hanford Waste Vitrification Plant
DOE Contract DE-AC06-86RL10838
Fluor Contract 8457

Transmittal No.: WDOE-678

Dear Mr. Grantham:

TRANSMITTAL

We enclosed 2 copy of the items listed below. These are issued per US-DOE request.

Approval Reference Review and Comment DCN-RFC

Response due to Fluor: N/A
Responds to: E420 PACKAGE

NUMBER	REV	DATE	TITLE
DCN # 0105	0	10/07/93	DCN TITLE POWER TRANSFORMER SPECIFICATION REVISIONS "RELEASED FOR CONSTRUCTION"



Reference: FRP-1250, FUP-682
Distribution:
R. L. Long - DOE-RL, w/0
TWP/AME Corresp Cntrl Cntr MSIN A5-10 (E420 PACKAGE), w/0
P. Felise - WHC-RL (MSIN G6-06), w/1
Environmental Data Management Center (MSIN H6-08), w/1
D. Duncan - US EPA, Region X, w/0

Very truly yours,

Rosalie Cadenas for
R.S. Poulter
Project Director

RSP:AT:lh

9513336-1597



FLUOR DANIEL

DCN - 0105

REV 0

PAGE 1 OF 5

US DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DCN TITLE

DATE INITIATED

9/8/93

DESIGN CHANGE NOTICE

Power Transformer
Specification Revision

PACKAGE NO.

E420

SECTION 1: DESCRIPTION OF CHANGE

Change transformer primary 600:5A current transformer from single ratio to multi-ratio type and neutral CT from 1200:5A to 600:5A to match one-line diagram with the transformer specification data sheet.

Add one-line drawing no. for reference.

CAUSE OF CHANGE:

- Field Change Request
- Supplier Disposition
- Deficiency Report
- Design Development
- Change Request
- Other Correction

N/A

Initiating Document(s)

FOR LIST OF AFFECTED DOCUMENTS, SEE SECTIONS 6 AND 7.

SECTION 2: EVALUATION

ARE ANY OF THE FOLLOWING AFFECTED?

IF 'YES' REVIEW
REQUIRED BY:

REVIEWER
COMMENTS/SIGNATURE/DATE

- WAPA NO YES
- QUALITY LEVEL I NO YES
- SAFETY CLASS 1 OR 2 NO YES
- SYSTEMS ANALYSES NO YES
- MULTI-DISCIPLINE NO YES

DCN Evaluated by:

Systems Jh

ADM M.H. 9/9/93

Others

SECTION 3: APPROVED FOR CONSTRUCTION

Originator W. Saleh 9-9-93 Date

M.H. Featherston 9/9/93 Date
Project/Resident Engineer

SECTION 4: CONCURRENCE

- Edward Jacobs 9-27-93 Date
Project Management
- Jah Smith 9-27-93 Date
Systems
- Shin Yee 9-29-93 Date
Independent Safety
- [Signature] 9/24/93 Date
Quality Assurance
- R.P. Dulowitz 9/29/93 Date
Configuration Management

SECTION 5: RELEASED FOR CONSTRUCTION

PE STAMP REQUIRED? NO YES

- Phil Phillips 10/6/93 Date
WHC
- E.D. Thorgan 10-6-93 Date
UCAT
- Juan Navar 10-7-93 Date
DOE

COMMENTS:



FLUOR DANIEL

US DEPARTMENT OF ENERGY
HANFORD WASTE VITRIFICATION PLANT

DESIGN CHANGE NOTICE

9513336-1598
9513336-1598

DCN - 0105

REV	DISCIPLINE	PKG. NO.	PAGE
0	Electrical	E420	2

PREPARED BY: P. McCaughey -Date:

DISCIPLINE ENGINEER: *Abu Talebi* Date: 9-9-93

SECTION 6: CONSTRUCTION DOCUMENTS AFFECTED

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	INCLD Y/N	DESCRIPTION OF CHANGE
B-595-C-E420-16331	2, 11 & Attachment A	0	Power Transformer	Y	See Attached

SECTION 7: NON-CONSTRUCTION DOCUMENTS AFFECTED

This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	DESCRIPTION OF CHANGE
		N/A		

9513336.1599

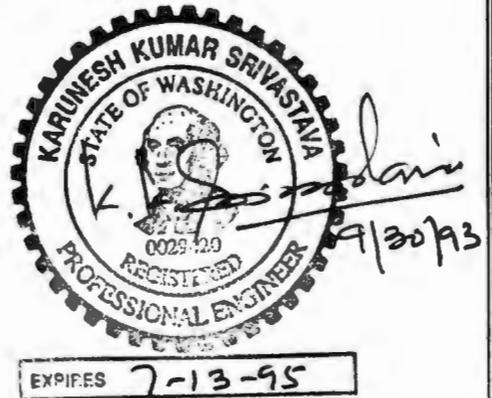
1.3 RELATED REQUIREMENTS

Drawing No. H-2-116501, 230-13.8 kV One-Line Diagram
Sheets 1 and 2

 FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE					
DESCRIPTION OF CHANGE Change transformer primary 600:5A current transformer from single ratio to multi-ratio type and neutral CT from 1200:5A to 600:5A to match one-line diagram with the transformer specification data sheet. Add one-line drawing no. for reference.				BASE DOC. NO. 16331 SHT/PG. 2 REV. 0					
				DISCIPLINE: Electrical					
PREPARED BY: P. McCaughey		DATE: 9/8/93		DCN - 0105	<table border="1"> <tr> <td>REV</td> <td>PAGE</td> </tr> <tr> <td>0</td> <td>3</td> </tr> </table>	REV	PAGE	0	3
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0	3								
DISCIPLINE ENGINEER: <i>Abu Saleh</i>		DATE: 9-9-93							

1.3 RELATED REQUIREMENTS

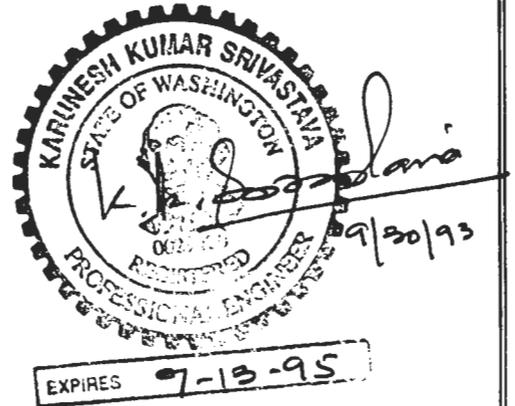
Drawing No. H-2-116501, 230-13.8 kV One-Line Diagram
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				DISCIPLINE: Electrical					
PREPARED BY: P. McCaughey		DATE: 9/8/93		DCN - 0105	<table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">REV</td> <td style="text-align: center;">PAGE</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">3</td> </tr> </table>	REV	PAGE	0	3
REV	PAGE								
0	3								
DISCIPLINE ENGINEER: <i>Alireza Talebi</i>		DATE: 9-9-93							

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2.2.10.2 The control cabinet shall be outdoors type NEMA 3R per NEMA 250 with hinged gasketed doors three point latching, cabinet, shall allow bottom access for Buyer's power and control conduits.



 FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE	
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				DISCIPLINE: Electrical	
PREPARED BY: P. McCaughey		DATE: 9/8/93		DCN - 0105	REV 0
DISCIPLINE ENGINEER: <i>Alte Tabehi</i>		DATE: 9-9-93			

Attachment A
Data Sheet E420 DS-1

H. Additional Accessories

8. Current Transformers
H1-H2-H3

No. 2:

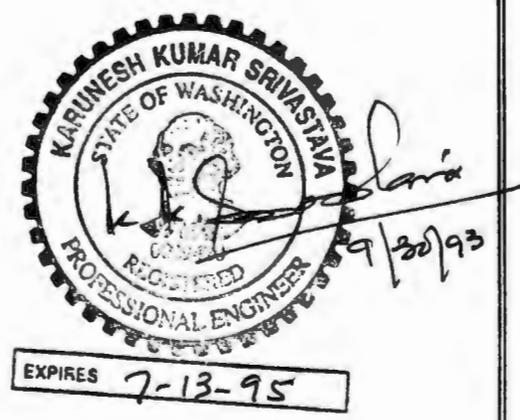
~~Multi~~-Single Ratio

H. Additional Accessories

8. Current Transformers
H0:

No. 1:

~~600:5~~
~~1200/5~~



 FLUOR DANIEL		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		DESIGN CHANGE NOTICE					
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