

**START** 9513337.1190

0040927



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: June 30, 1994

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

Transmittal No.: WDOE-959

Dear Mr. Grantham:

TRANSMITTAL

We enclosed 1 copy of the items listed below. These are issued per US-DOE request.

Response due to Fluor: N/A  
Responds to: DOE REQUEST

NUMBER	REV	DATE	TITLE
DCN - 0189	0	06/03/94	DCN TITLE: HWMA WATER SUPPLY  NOTE: "FOR RCRA PART B PERMIT"

Distribution:


R. L. Long - DOE-RL, w/0  
TWP/AME Corresp Cntrl Cntr MSIN A5-10  
(A160 PACKAGE), w/0  
P. Felise - WHC-RL (MSIN G6-06), w/0  
Environmental Data Management Center  
(MSIN H6-08), w/1  
D. Duncan - US EPA, Region X, w/0  
M.D. Talbot, WHC -w/0

Very truly yours,

*Nazy Eshraghi For*  
R. S. Poulter  
Project Director

RSP:BRE:nre



 <b>FLUOR DANIEL</b> US DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT  <b>DESIGN CHANGE NOTICE</b>	DCN - 0189	REV 0	PAGE 1 OF 5
	DCN TITLE		DATE INITIATED
	HWMA WATER SUPPLY		5/11/94
			PACKAGE NO. A160

**SECTION 1: DESCRIPTION OF CHANGE**

THIS DCN PROVIDES A NEW TEE AND VALVE IN PIPELINE FWX-6"-056. IT ALSO RELOCATES AND REVISES THE VALVE NUMBER OF EXISTING VALVE MV-FWX-056 TO MV-FWX-056-1. THE PURPOSE OF THESE CHANGES IS TO PROVIDE A CONNECTION POINT FOR A FUTURE WATER SUPPLY LINE TO THE SAFETY SHOWER LOCATED IN THE HAZARDOUS WASTE MATERIALS ACCUMULATION (HWMA) FACILITY.

CAUSE OF CHANGE:

- Field Change Request
- Supplier Disposition
- Deficiency Report
- Design Development
- Change Request
- TBD/Hold
- Other \_\_\_\_\_

Initiating Document(s)  
ICR-0360A, FRR-00946A

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

**SECTION 2: EVALUATION**

	IF "YES", ADDITIONAL REVIEW REQUIRED BY:	REVIEWER COMMENTS AND SIGNATURE/DATE
WAPA DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
QUALITY LEVEL I DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
SAFETY CLASS 1 OR 2 DWG/SPEC? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
SYSTEMS ANALYSES AFFECTED? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
MULTI-DISCIPLINE CHANGE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	_____	_____
DCN Evaluated by: Systems <i>E. Savage</i> <i>5/2/94</i> ADM/ <i>Close</i> Others _____		

**SECTION 3: APPROVED FOR CONSTRUCTION**

Originator: *Paul R. Cissel* Date: *5/12/94*  
 Project/Resident Engineer: *Close for RT Bedell* Date: *5/12/94*

**SECTION 4: CONCURRENCE**

*Paul R. Cissel* 4/6/94  
 Project Management Date  
*E. Savage* 6-8-94  
 Systems Date  
*Jim J. Martin* 6-13-94  
 Independent Safety for J. Kelly Date  
*James J. Murphy* 6-9-94  
 Quality Assurance Date  
*Francis Stokes* 6-7-94  
 Configuration Management Date

**SECTION 5: RELEASED FOR CONSTRUCTION**

PE STAMP REQUIRED?  NO  YES  
*P. Smith* 6/23/94  
 WHO Date  
*[Signature]* 6-22-94  
 UCAI Date  
*Paul E. Cissel* 27 JUN 94  
 DOE Date

COMMENTS:

9513337-1192



**FLUOR DANIEL**

US DEPARTMENT OF ENERGY  
HANFORD WASTE VITRIFICATION PLANT

**DCN - 0189**

REV

0

DISCIPLINE

CIVIL

PKG. NO.

A160

PAGE

2

PREPARED BY:

*Dennis R. Matson*

Date:

5/12/94

**DESIGN CHANGE NOTICE**

DISCIPLINE ENGINEER:

*R. Cimolin*

Date:

5/12/94

**SECTION 6: CONSTRUCTION DOCUMENTS AFFECTED**

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	INCLD Y/N	DESCRIPTION OF CHANGE
H-2-117152	1	4	CIVIL, UNDERGROUND UTILITY PLAN	Y	PROVIDE NEW TEE AND VALVE, MV-FWX-056-2, IN PIPELINE FWX-6"-056 (ZONE F4) AND RELOCATE VALVE MV-FWX-056 FROM DWG H-2-117153 AND RENUMBER TO MV-FWX-056-1
H-2-117153	1	5	CIVIL, UNDERGROUND UTILITY PLAN	Y	RELOCATE VALVE MV-FWX-056 (ZONE F8) TO DWG H-2-117152
H-2-117177	1	3	CIVIL, SWX, FWX, AND DRX PIPE PROFILES	Y	PROVIDE NEW TEE AND RELOCATED PIV VALVE IN PROFILE FWX-6"-056

**SECTION 7: NON-CONSTRUCTION DOCUMENTS AFFECTED**

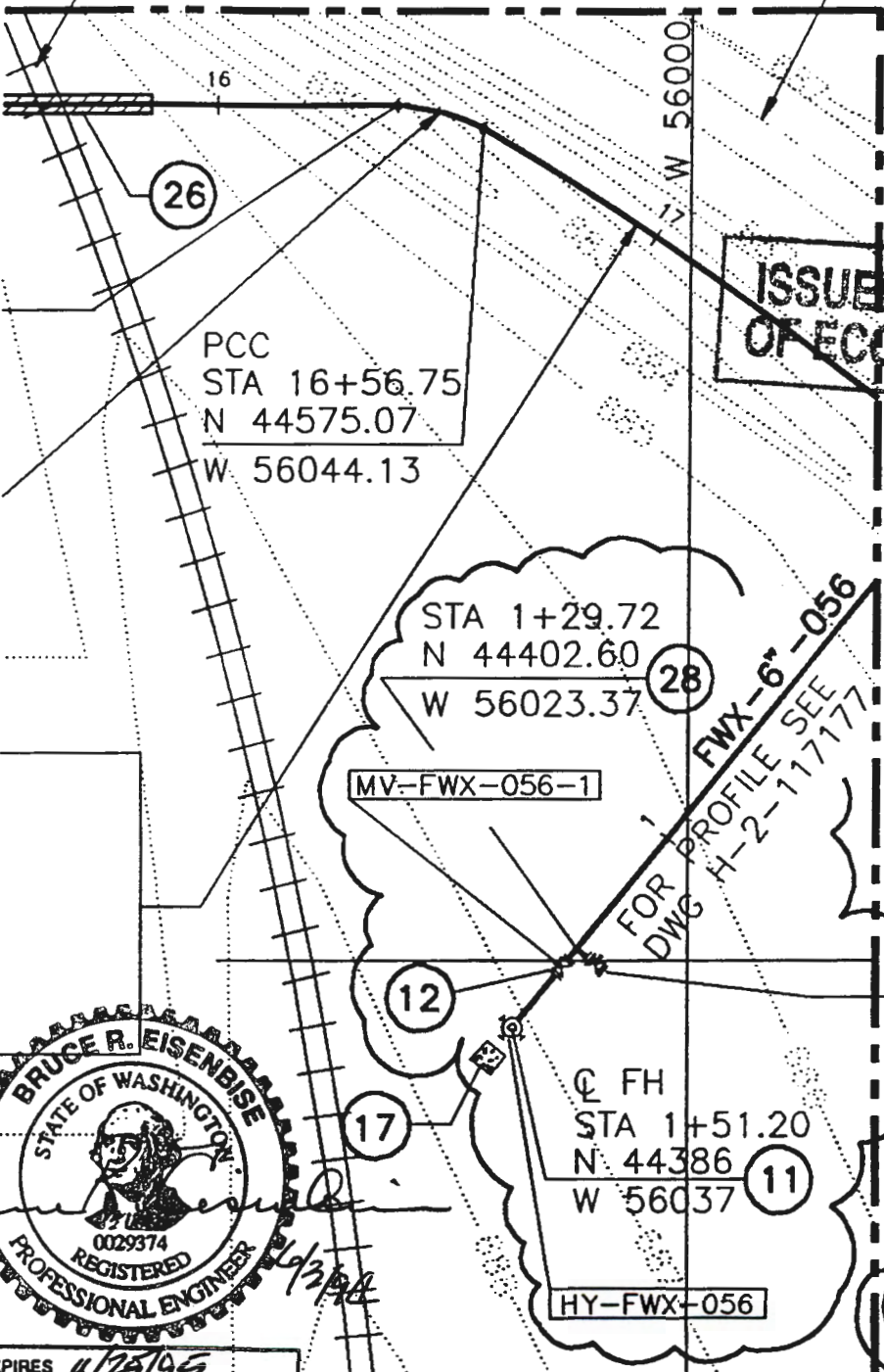
This section references affected items such as P&IDs or calculations/analyses, but they are generally not included in DCN package.

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	DESCRIPTION OF CHANGE
H-2-123358	1	10	P&ID, SYSTEM 50, RAW WATER AND FIREWATER SYSTEMS	ADDED VALVE MV-FWX-056-2 AND REVISED VALVE NUMBER MV-FWX-056 TO MV-FWX-056-1 ON LINE FWX-6"-056

0513337 1193

NEW RAILROAD SPUR  
CWBS-A180  
H-2-117083 (BY OTHERS)

CL PATROL ROAD "A"  
CWBS-A130  
H-2-117019  
(BY OTHERS)



**ISSUED FOR DEPARTMENT OF ECOLOGY PERMIT ONLY**

HANFORD PLANT GRID  
200 EAST AREA DATUM

PER DCN 0189

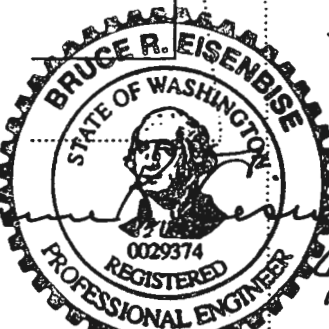
MV-FWX-056-2  
BLD FLG W/  
2" BALL VALVE

**CONST. NOTES:**

WATER/DRAIN

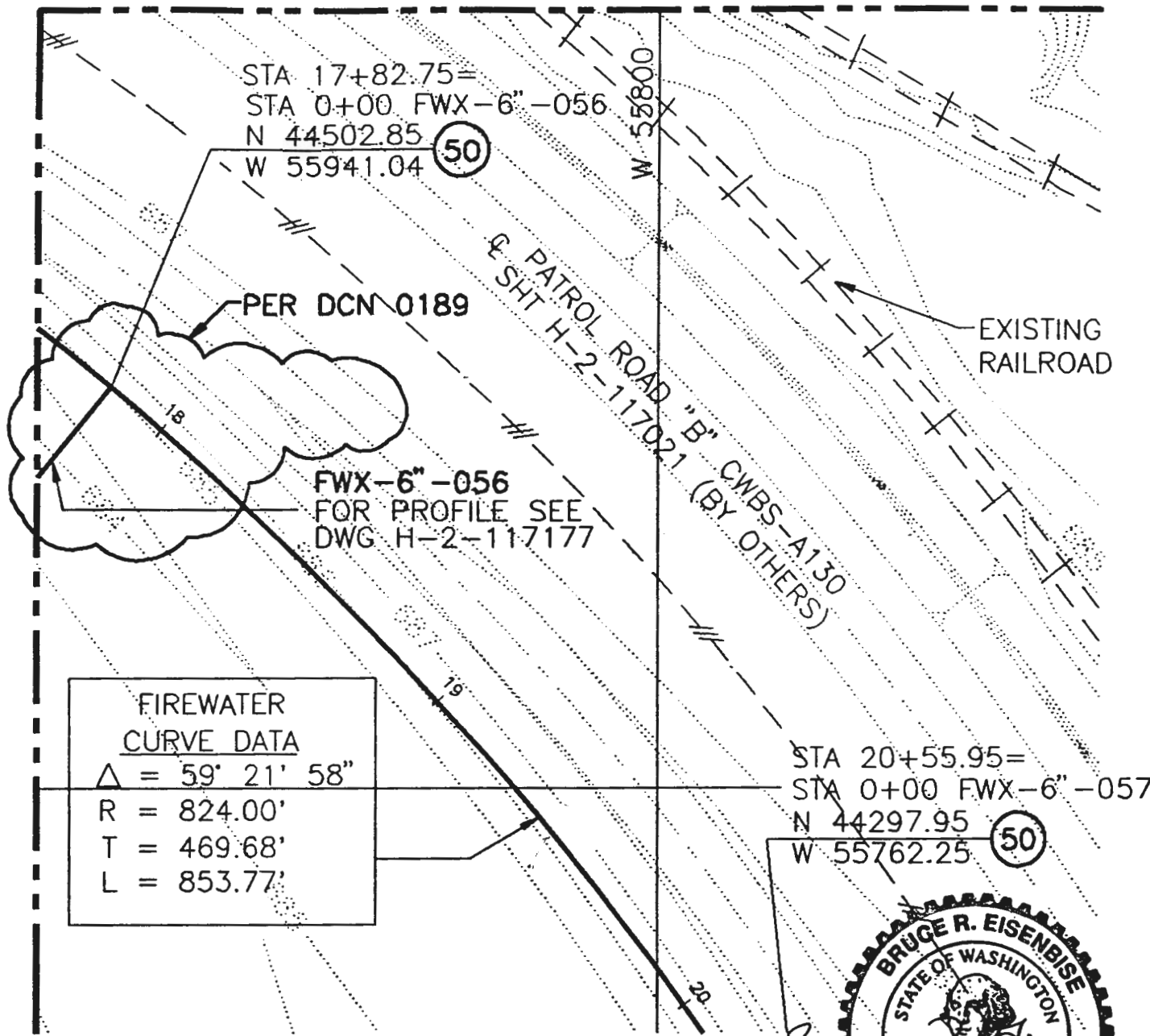
28 - 6" X 6" X 6" TEE

PER DCN 0189



EXPIRES 11/25/95

<b>FLUOR DANIEL</b>		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		<b>DESIGN CHANGE NOTICE</b>	
DESCRIPTION OF CHANGE:  HWMA WATER SUPPLY				BASE DOC. NO. H-2-117152	SHT/PG. 1 REV. 4
				CR NO. N/A	DISCIPLINE: CIVIL CADFILE:
PREPARED BY: <i>Dennis Matus</i>	DATE: 5/12/94	DISCIPLINE ENGINEER: <i>Bruce R. Eisenbise</i>	DATE: 5/12/94	DCN - 0189	REV. 0 PAGE 3

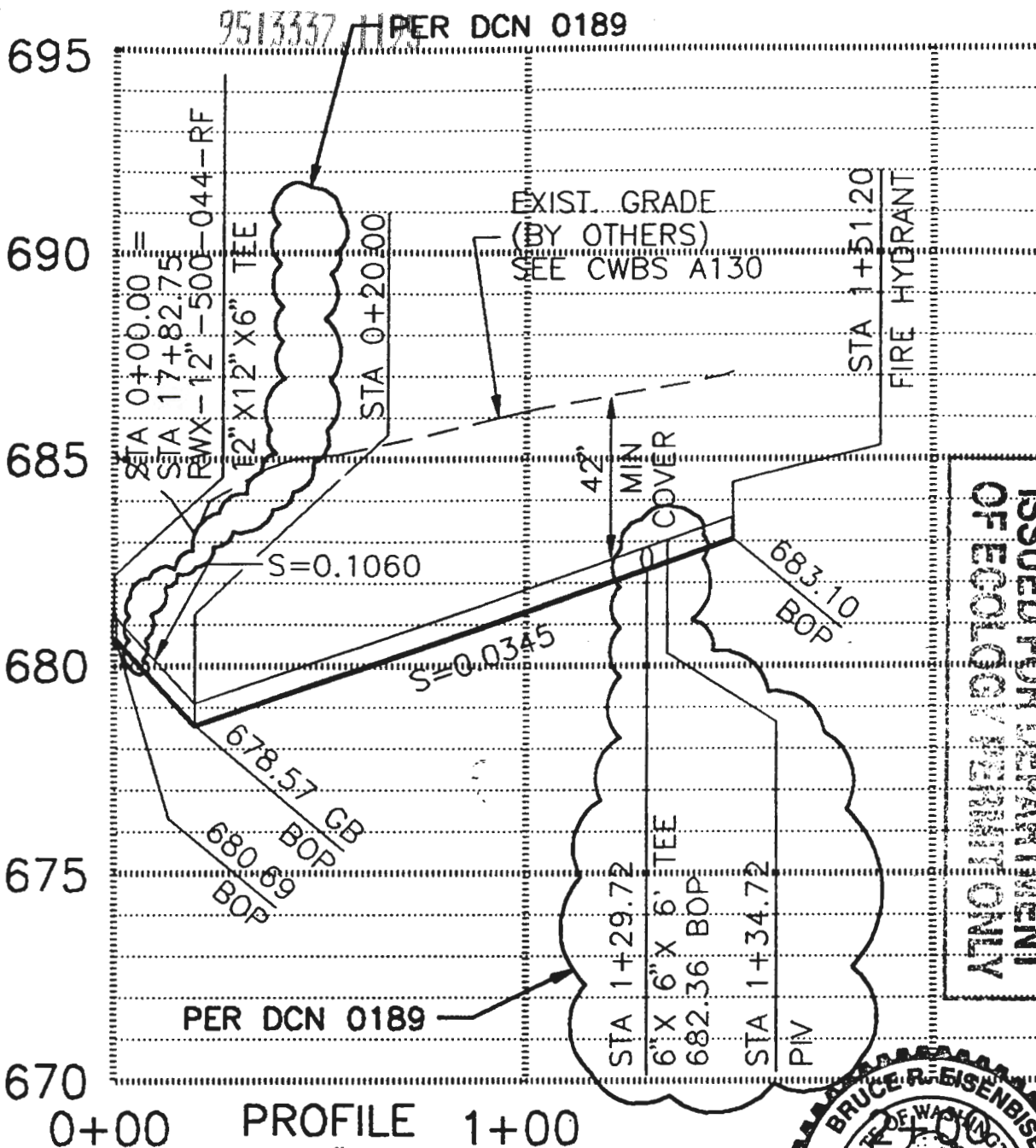


FIREWATER CURVE DATA	
$\Delta$	= 59' 21' 58"
R	= 824.00'
T	= 469.68'
L	= 853.77'

**ISSUED FOR DEPARTMENT OF ECOLOGY PERMIT ONLY**

BRUCE R. EISENBISE  
 STATE OF WASHINGTON  
 0029374  
 REGISTERED PROFESSIONAL ENGINEER  
 EXPIRES 4/25/95

<b>FLUOR DANIEL</b>		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		<b>DESIGN CHANGE NOTICE</b>	
DESCRIPTION OF CHANGE: <p style="text-align: center;">HWMA WATER SUPPLY</p>				BASE DOC. NO. H-2-117153 SHT/PG. 1 REV. 5 CR NO. N/A DISCIPLINE: CIVIL CADFILE:	
PREPARED BY: <i>Daniel Matus</i> DISCIPLINE ENGINEER: <i>Bruce R. Eisenbise</i>	DATE: 5/12/94 DATE: 5/12/94	DCN - 0189	REV. 0	PAGE 4	



PER DCN 0189

0+00 PROFILE 1+00

FWX-6"-056

HORIZ. 1"=40'

VERT. 1"=4'

FOR PLAN  
SEE DWG  
H-2-117153

FOR PLAN SEE DWG H-2-117153

ISSUED FOR DEPARTMENT  
OF ECOLOGICAL MANAGEMENT ONLY



EXPIRES 11/25/95

<b>FLUOR DANIEL</b>		U.S. DEPARTMENT OF ENERGY HANFORD WASTE VITRIFICATION PLANT		<b>DESIGN CHANGE NOTICE</b>	
DESCRIPTION OF CHANGE:  HWMA WATER SUPPLY				BASE DOC. NO. H-2-117177 SHT/PG. 1 REV. 3 CR NO. N/A DISCIPLINE: CIVIL CADFILE:	
PREPARED BY: <i>Derek Martin</i> DISCIPLINE ENGINEER: <i>Bruce R. Eisenbise</i>		DATE: 5/12/94 DATE: 5/12/94		DCN - 0189 REV. 0 PAGE 5	