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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: September 16, 1994

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

Transmittal No.: WDOE-979

Dear Mr. Grantham:

TRANSMITTAL

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

Response due to Fluor: N/A  
Responds to: A160 PACKAGE

NUMBER	REV	DATE	TITLE
DCN - 0198	0	09/15/94	DCN TITLE: Revision of Operating Requirements for the Firewater Pumps PX-500-002 A/B  "APPROVED FOR CONSTRUCTION"

Reference: FRP-1477, FUP-896

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/1  
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:DGL:nre



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FLUOR DANIEL

US DEPARTMENT OF ENERGY  
HANFORD WASTE VITRIFICATION PLANT

**DESIGN CHANGE NOTICE**

DCN - 0198

REV 0

PAGE 1 OF 3

DCN TITLE

Revision of operating requirements for the Firewater Pumps PX-500-002A/B

DATE INITIATED

22 Aug 94

PACKAGE NO.

A160

**SECTION 1: DESCRIPTION OF CHANGE**

This DCN revises the operating requirements for the Firewater Pumps PX-500-002A/B. Previous requirements are and remain valid. This revision is being made to accommodate the reduced horsepower rating of the pump motors at 150% of rated flow.

Please note that the requirements of NFPA 20 Paragraph 3-2 as well as 6-5.2 apply to the pump and motor. In addition to other submittal requirements Factory Acceptance Test procedures as required by Paragraph 1.6.2.5 of Specification Section B-595-C-A160-15540 shall be provided for the revised operating requirements.

Design calculations as outlined in Paragraph 1.6.2.1 of Specification Section B-595-C-A160-15540 shall be provided for review.

CAUSE OF CHANGE:

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

Initiating Document(s)  
EDN T3-030

**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 type="checkbox"/> NO <input checked="" type="checkbox"/> YES	<u>SYSTEMS</u>	<u>No comments</u>
MULTI-DISCIPLINE CHANGE? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	<u>Fire Protection</u>	<u>No comments</u>
DCN Evaluated by: Systems <u>Patricia Grant 9/15/94 ADM</u>	<u>Patricia R. Grant</u>	<u>9/15/94</u>

**SECTION 3: APPROVED FOR CONSTRUCTION**

Donald G. DeBourcy 23 AUG 94 Date Patricia R. Grant 9/15/94 Date  
 Originator Date Project/Resident Engineer Date

**SECTION 4: CONCURRENCE**

Project Management \_\_\_\_\_ Date  
 Systems \_\_\_\_\_ Date  
 Independent Safety \_\_\_\_\_ Date  
 Quality Assurance \_\_\_\_\_ Date  
 Configuration Management \_\_\_\_\_ Date

**SECTION 5: RELEASED FOR CONSTRUCTION**

PE STAMP REQUIRED?  NO  YES

WHC \_\_\_\_\_ Date  
 UCAT \_\_\_\_\_ Date  
 DOE \_\_\_\_\_ Date

COMMENTS:

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**FLUOR DANIEL**

US DEPARTMENT OF ENERGY  
HANFORD WASTE VITRIFICATION PLANT

**DCN -0198**

REV

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DISCIPLINE

Mech

PKG. NO.

A160

PAGE

2

**DESIGN CHANGE NOTICE**

PREPARED BY:

Date:

DISCIPLINE ENGINEER:

Date:

*Thomas R. Cisneros*  
*for* *Don LaBounty* 9/16/94

**SECTION 6: CONSTRUCTION DOCUMENTS AFFECTED**

DOCUMENT NUMBER	SHT/PAGE	REV NO	DOCUMENT NAME	INCLD Y/N	DESCRIPTION OF CHANGE
B-595-C-A160-15540, Attachment A	DS-2	1	Firewater System Pumps	Y	Revised Operating Conditions

**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	2	9	P&ID System 50: Fire and Process Water Storage	Revised Pump Operating Conditions

