Sta 5 S (12)
APR 24 2000

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT 703108

2. To: (Receiving Organization) RECORDS AND INFORMATION MANAGEMENT

3. From: (Originating Organization) PFP INFRASTRUCTURES SYSTEMS

4. Related EDT No.: NA

5. Proj./Prog./Dept./Div.: 110907/B000

6. Design Authority/Design Agent/Cog. Engr.: R.J. THOMAS

7. Purchase Order No.: NA

8. Originator Remarks: INITIAL RELEASE OF SUPPORTING DOCUMENT

9. Equip./Component No.: NA

10. System/Bldg./Facility: 99D/234-5Z/PFP

11. Receiver Remarks:

11A. Design Baseline Document? [X] Yes [ ] No

12. Major Assm. Dwg. No.: NA

13. Permit/Permit Application No.: NA

14. Required Response Date: NA

15. DATA TRANSMITTED

(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition
1	HNF-6236		0	PLUTONIUM FINISHING PLANT HARDWARE COMMERCIAL GRADE ITEMS CRITICAL CHARACTERISTICS	Q	2	1	

16. KEY

Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D OR N/A (See WHC-CM-3-5, Sec. 12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION
(See Approval Designator for required signatures)

(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
2	1	Design Authority	R.J. Thomas	4/18/00	T4-20			CENTRAL FILES			B1-07
		Design Agent									
		Cog. Eng.									
2	1	Cog. Mgr.	R.A. Burk	4/20/00	T4-20						
2	1	QA	DR GROTH	4-19-00	T4-15						
		Safety									
		Env.									

18. R.J. Thomas 4/20/00
Signature of EDT Originator — Date

19. Authorized Representative for Receiving Organization — Date

20. R.A. Burk 4/20/00
Cognizant Manager — Date

21. DOE APPROVAL (if required)
Ctrl No. _____
[ ] Approved
[ ] Approved w/comments
[ ] Disapproved w/comments

BD-7400-172 (05/96)

HNF-6236
Revision 0

PLUTONIUM FINISHING PLANT SAFETY CLASS/SAFETY SIGNIFICANT COMMERCIAL GRADE ITEMS CRITICAL CHARACTERISTIC

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
U.S. Department of Energy under Contract DE-AC06-96RL13200

Fluor Hanford
P.O. Box 1000
Richland, Washington

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Revision 0
EDT 703108

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RJ THOMAS
FLUOR HANFORD

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April 2000

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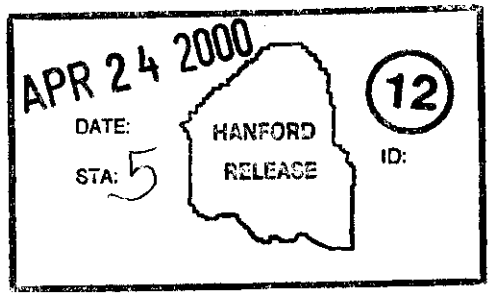

Release Approval Date Release Stamp

Approved for public release; further dissemination unlimited

Total Pages: 4

1.0 PURPOSE

This document specifies the critical characteristics for Commercial Grade Items (CGI) procured for use in the Plutonium Finishing Plant as required by HNF-PRO-268 and HNF-PRO-1819. These are the minimum specifications that the equipment must meet in order to properly perform its safety function. There may be several manufacturers or models that meet the critical characteristics of any one item.

2.0 BACKGROUND

There are several instruments, pieces of equipment, filters and other components that are classified as Safety Class or Safety Significant throughout the PFP complex. Replacing or modifying equipment with these safety designations require the procurement of certified material or procurement of Commercial Grade Items in accordance with HNF-PRO-2668, "Control of Purchased Items and Services."

3.0 SCOPE

The safety function of many of the items and components used in the PFP does not present any requirements that are different from plant operating type equipment used throughout commercial industry.

For this reason standard industry equipment is acceptable when the critical characteristics items are delineated by the system cognizant engineer and met by a supplier. The following list of critical characteristics details the minimum specifications for the needed standard industry equipment. The critical characteristics are verified through receipt inspections.

4.0 CRITICAL CHARACTERISTIC LISTING

1. Hood Gloves – Lead/Hypalon

Critical Characteristics:

- North Part No. 8YLY3032, 8YLY3032-A or 8YLYS6H
- Hand Size 9 ¾, 4 inch cuff
- Name of Mfg. and P/N on inside of glove about 2 inches from cuff.
- Certificate of Conformance for lead equivalency of 0.1 mm by test, range 0.08 to 0.15 (Clause B79)
- Left and Right glove per set. (Unless ambidextrous)
- Documentation justifying the non-regulated status of purchased gloves.

2. Hood Gloves – Hypalon

Critical Characteristics:

- North Part No. 8Y3032, 8Y1532
- Hand Size 9 3/4, 4 inch cuff.
- Name of Mfg. and P/N on inside of glove about 2 inches from cuff.

- Left and Right glove per set. (No ambidextrous)

3. Hood Gloves – Lead/Neoprene

Critical Characteristics:

- North Part No. 8NLL3032-A
- Hand Size 9 ¾ inch, 4inch cuff.
- Name of Mfg. and P/N on inside of glove about 2 inches from cuff.
- Documentation justifying the non-regulated status of purchased gloves.
- Certification of Conformance for lead equivalency of 0.1 mm by test, range 0.08 to 0.15(Clause B79)

3.0 References

A. HNF-PRO-268, "Control of Purchased Items and Services" Rev.3
B. HNF-PRO-1819, "PHMC Engineering Requirements" Rev.3.