

2. To: (Receiving Organization) Distribution	3. From: (Originating Organization) Fluor Daniel Northwest Quality Assurance	4. Related EDT No.: N/A
5. Proj./Prog./Dept./Div.: Hanford Tanks Initiative	6. Design Authority/ Design Agent/Cog. Engr.: J. J. Huston	7. Purchase Order No.: N/A
8. Originator Remarks: Approval and Release		9. Equip./Component No.: N/A
11. Receiver Remarks: 11A. Design Baseline Document? ☐ Yes ☒ No		10. System/Bldg./Facility: N/A
		12. Major Assm. Dwg. No.: N/A
		13. Permit/Permit Application No.: N/A
		14. Required Response Date: N/A

15. DATA TRANSMITTED					(F)	(G)	(H)	(I)
(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	Approval Designator	Reason for Transmittal	Originator Disposition	Receiver Disposition
1	HNF-2803		0	Quality Assurance Implementation Plan	N/A	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
		Design Authority				3		L. B. McDaniel			H6-12
		Design Agent				3		P. S. Schaus			H6-12
		Cog. Eng.				3		J. W. Bloom			H6-12
1	1	Cog. Mgr.	R. W. Root			3		A. F. Noonan			K9-91
1	1	QA	J. J. Huston			3		D. L. Becker			H6-12
		Safety									
		Env.									

18. <i>[Signature]</i> J. J. Huston Signature of EDT Originator	19. <i>[Signature]</i> R.W. Root Authorized Representative for Receiving Organization	20. <i>[Signature]</i> R.W. Root Design Authority/ Cognizant Manager	21. DOE APPROVAL (if required) Ctrl. No. ☐ Approved ☐ Approved w/comments ☐ Disapproved w/comments
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HANFORD TANKS INITIATIVE

QUALITY ASSURANCE IMPLEMENTATION PLAN

J. J. Huston

Fluor Daniel Northwest, Inc., Richland, Washington
U.S. Department of Energy Contract DE-AC06-96RL13200

EDT/ECN: 622814 UC: 2030
Org Code: 73500 Charge Code: KA42220 CLIN: 126 D25AA
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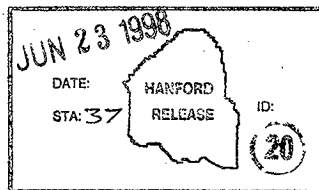
Key Words: Hanford Tanks Initiative, Quality Assurance Program Description (QAPD), U. S. Department of Energy's Office of Waste Management (EM-30), Office of Science and Technology Development (EM-50), and "Nuclear Safety Management, Quality Assurance Requirements", 10 CFR 830.120.

Abstract: Hanford Tanks Initiative (HTI) Quality Assurance Implementation Plan for Nuclear Facilities defines the controls for the products and activities developed by HTI. Project Hanford Management Contract (PHMC) Quality Assurance Program Description (QAPD) (HNF-PRO-599) is the document that defines the quality requirements for Nuclear Facilities. The QAPD provides direction for compliance to 10 CFR 830.120 "Nuclear Safety Management, Quality Assurance Requirements."

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James Arndal 6-23-98
Release Approval Date



Release Stamp

Approved for Public Release

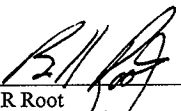
HANFORD TANKS INITIATIVE

QUALITY ASSURANCE IMPLEMENTATION PLAN

HNF-2803, REVISION 0

June 10, 1998

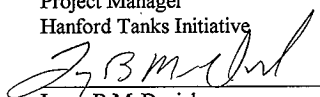
HTI
QUALITY ASSURANCE IMPLEMENTATION PLAN



Bill R Root
Project Manager
Hanford Tanks Initiative

5/22/98

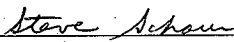
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Larry B McDaniel
C-106 Demonstration

5/21/98

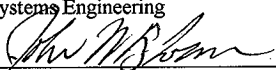
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Systems Engineering

5/21/98

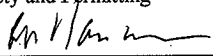
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John W Bloom
Safety and Permitting

5/21/98

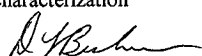
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Al F Noonan
Characterization

5/27/98

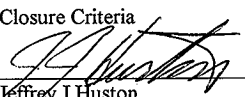
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Dave L Becker
Closure Criteria

5-26-98

Date



Jeffrey J Huston
Quality Assurance

5-21-98

Date

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HANFORD TANKS INITIATIVE QUALITY ASSURANCE IMPLEMENTATION PLAN

1.0 SCOPE

Hanford Tanks Initiative (HTI) is a five-year activity resulting from the technical and financial partnership of the U. S. Department of Energy's Office of Waste Management (EM-30), and Office of Science and Technology Development (EM-50). HTI will develop and demonstrate technologies and processes for characterization and retrieval of single shell tank waste. Activities and products associated with HTI consist of engineering, construction, procurement, closure, retrieval, characterization, and safety and licensing.

HTI Quality Assurance Implementation Plan for Nuclear Facilities defines the controls for the products and activities developed by HTI. Project Hanford Management Contract (PHMC) Quality Assurance Program Description (QAPD) (HNF-PRO-599) is the document that defines the quality requirements for Nuclear Facilities. The QAPD provides direction for compliance to 10 CFR 830.120 "Nuclear Safety Management, Quality Assurance Requirements."

2.0 ORGANIZATIONAL RESPONSIBILITIES

HTI PROJECT MANAGER has overall responsibility for compliance to the QAPD for all HTI activities and products. He has directed the HTI Team that compliance to QAPD for all HTI activities and products is mandatory.

C-106 DEMONSTRATION LEAD has overall responsibility for the development of technology in the removal of C-106 heel. This includes upgrading the C-106 infrastructure, interfaces with the vendors' technology, vendors' technology development and heel removal.

SYSTEM ENGINEERING has overall responsibility to implement some disciplined systems engineering approach to each of the HTI Projects (retrieval demonstration, characterization and tank closure) as defined in the TWRS System Engineering Management Plan (SEMP) and using a graded approach appropriate for a development and demonstration project.

SAFETY, PERMITTING AND PUBLIC INVOLVEMENT is responsible for identifying the need for safety and permitting documentation and permits that may be required. Also entailed is planning and obtaining funds and resources to prepare the needed documents, as well as obtaining the required approvals. Additional responsibilities include management of public involvement task package and ensuring adequate support for HTI.

CHARACTERIZATION LEAD has the overall responsibility for the planning and implementation of those activities required to measure the radionuclide and hazardous chemical inventory, through sampling and analysis of residual waste that remains at the AX-104 tank site. This includes developing sampling and analysis plans and deployment of technology to measure the volume and concentrations of contaminants of concern that remain both in the tank and that may have leaked into the surrounding backfill and vadose zone. This effort supports the Retrieval Performance Evaluation Criteria Assessment for development of retrieval and tank closure alternatives.

TANK CLOSURE BASIS LEAD has the overall responsibility for the management, planning, implementation, and oversight of those activities required for assessment of retrieval performance evaluation criteria alternatives for the AX Farm. This includes management, coordination and performance of those activities required for conducting studies to provide essential engineering data for input to the retrieval performance evaluation criteria alternatives assessment of short and long-term risk and cost; development of preliminary tank closure concepts based on viable technical approaches, identification of the work-related tasks and activities, and development of associated estimates of worker doses, worker hours, and cost; performing technical and administrative liaison with providers of engineering services and the DOE contractor responsible for performing the retrieval performance evaluation criterion's alternative's assessment; and technical oversight and interface of HTI Project closure-related activities.

QUALITY ASSURANCE has overall responsibility to provide a level of assurance that HTI products and activities are performed in accordance with client requirements. Quality Engineering responsibilities on project work is coordinated with HTI Project Manager.

HTI PERSONNEL are responsible for performing work in accordance with the requirements set forth in the established Project Hanford Policies and Procedures (PHPP). The PHPPs are the controls necessary to comply with those QAPD requirements.

3.0 REQUIREMENTS

HTI LEADS will assure that all personnel performing work in their area of responsibility understand compliance to the PHPP is mandatory.

HTI Personnel are responsible for identifying problems related to quality and reporting them to the appropriate level of HTI Management.

The quality requirements imposed by the QAPD are applicable to all HTI products and activities, and will be performed using graded approach in accordance with Part 2, Section 1, Paragraph 3.9 of the QAPD.

No additional quality requirements, other than those defined in the QAPD, will be used to implement project (HTI) work.

Attachment 1, "QAPD IMPLEMENTATION MATRIX" reflects the site-wide Project Hanford Procedures. Site-wide procedures are under the control of Fluor Daniel Hanford, Inc. (FDH) and are identified in the Project Hanford Policies and Procedure System. The PHPP system will be used by all HTI personnel when working on an HTI product or activity. The Matrix is for information only.

Attachment 2, "TYPES OF VERIFICATION AND INSPECTIONS" reflects the types of verification and inspections to be performed for overall compliance to the design.

ATTACHMENT 1

HANFORD TANKS INITIATIVE
QUALITY ASSURANCE PROGRAM DESCRIPTION IMPLEMENTATION
MATRIX INFORMATION

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
SECTION 1, PROGRAM				
• Quality Assurance Program Plans				
HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers	
• Project Hanford QA Requirements Flowdown				
HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-265, Developing and Maintaining SRIDs	2. Quality Assurance	G. W. Grier	S. A. Byers	
• Quality Planning				
HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers	
• Organization, Responsibilities, and Interfaces				
HNF-PRO-053, Resolution of Quality Disputes (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers	
• Readiness Review				
HNF-PRO-055, title unknown - addresses readiness review - to be written	9. Operations	J. D. Davis		
• Stop Work Authority				
HNF-PRO-074, Safety Responsibilities	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-708, Stop Work (to be written by FDH QA)	2. Quality Assurance	G. W. Grier	S. A. Byers	

HTI QAPD IMPLEMENTATION MATRIX			
	PHMC Procedure	Functional Area	Technical Authority
• Graded Application of Project Hanford QA Program			
	HNF-PRO-259, Application of the Project Hanford Quality Assurance Program (draft)	2. Quality Assurance	S. A. Byers
	HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	S. A. Byers
	HNF-PRO-516, Safety Structures, Systems, and Components	18. Nuclear and System Safety	C. B. Evans
SECTION 2. PERSONNEL TRAINING AND QUALIFICATION			
• Project Hanford Training and Qualification Program			
	HNF-PRO-263, Qualification and Certification of Inspection and Test Personnel	2. Quality Assurance	S. A. Byers
	HNF-PRO-329, Radiological Training	11. Radiation Protection	J. W. Foster
	HNF-PRO-346, Fire Protection in Facility Operating Procedures	12. Fire Protection	D. L. Jackson
	HNF-PRO-378, Radiation Protection First-Line Supervisor Qualification	11. Radiation Protection	J. W. Foster
	HNF-PRO-386, Radiological Control Technician Qualification and Training	11. Radiation Protection	J. W. Foster
	HNF-PRO-459, Environmental Training	20. Environmental Protection	W. D. Adair
	HNF-PRO-538, Criticality Safety Training	18. Nuclear and System Safety	J. E. Flakovich
• Training and Indoctrination			

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-111, Occupational Medical Qualification and Monitoring	19. Occupational Safety and Health	L. K. Trent	E. R. Hewitt	
HNF-PRO-179, Obtaining Training Exceptions and Extensions	4. Training and Qualification	R. P. Coe	L. E. Maiden	
HNF-PRO-329, Radiological Training	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-347, Employee Fire Protection Training	12. Fire Protection	L. K. Trent	D. L. Jackson	
HNF-PRO-378, Radiation Protection First-Line Supervisor Qualifications	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-386, Radiological Control Technician Qualification and Training	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-459, Environmental Training	20. Environmental Protection	L. K. Trent	W. D. Adair	
HNF-PRO-494, Appointments of Personnel NOT Meeting Selection Criteria	4. Training and Qualification	R. P. Coe	L. E. Maiden	
HNF-PRO-538, Criticality Safety Training	18. Nuclear and System Safety	L. K. Trent	J. E. Flakovich	
• Qualification and Certification				
HNF-PRO-111, Occupational Medical Qualification and Monitoring	19. Occupational Safety and Health	L. K. Trent	E. R. Hewitt	
HNF-PRO-263, Qualification and Certification of Inspection and Test Personnel	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-343, Selection of Radiological Control Technician	11. Radiation Protection	L. K. Trent	J. W. Foster	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure Selection of Senior Radiological Control Technician Lead Assignments	Functional Area 11. Radiation Protection	Functional Area Mgr L. K. Trent	Technical Authority J. W. Foster
	HNF-PRO-378, Radiation Protection First-Line Supervisor Qualifications	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-386, Radiological Control Technician Qualification and Training	11. Radiation Protection	L. K. Trent	J. W. Foster

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
Training and Qualification Records				
HNF-PRO-348, Fire Protection Records	12. Fire Protection	L. K. Trent	D. L. Jackson	
HNF-PRO-459, Environmental Training	20. Environmental Protection	L. K. Trent	W. D. Adair	
HNF-PRO-538, Criticality Safety Training	11. Radiation Protection	L. K. Trent	J. W. Foster	
SECTION 3. QUALITY IMPROVEMENT				
Deficiency Identification				
HNF-MD-006, Identifying/Reporting a DOE Nuclear Safety Requirement Noncompliance	18. Nuclear and System Safety	L. K. Trent		
HNF-PRO-052, Corrective Action Management	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-060, Reporting Occurrences and Processing Operations Information	5. Emergency Management	L. K. Trent	G. D. Trump	
HNF-PRO-298, Nonconforming Item Reporting and Control (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-315, Completed Decision Making Packages	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-316, Radiation Protection Interpretive Authority Process	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-319, Radiation Protection Self-Assessments	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-352, Fire Protection System Discrepancies	12. Fire Protection	L. K. Trent	D. L. Jackson	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-388, Radiological Problem Reports	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-435, Required Radiological Surveillances	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-453, Environmental Notification and Reporting	20. Environmental Protection	L. K. Trent	W. D. Adair
	HNF-PRO-651, Surveillances	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-652, Corrective Action Request (CAR) (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-653, Qualification and Certification of Inspection and Test Personnel	2. Quality Assurance	G. W. Grier	S. A. Byers
• Corrective Action Management				
	HNF-MD-006, Identifying/Reporting a DOE Nuclear Safety Requirement Noncompliance	18. Nuclear and System Safety	L. K. Trent	
	HNF-PRO-052, Corrective Action Management	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-318, Radiation Protection Lessons Learned Program	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-319, Radiation Protection Self-Assessments	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-345, Fire Protection Corrective Actions	12. Fire Protection	L. K. Trent	D. L. Jackson
	HNF-PRO-388, Radiological Problem Reports	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-435, Required Radiological Surveillances	11. Radiation Protection	L. K. Trent	J. W. Foster

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-435, Criticality Safety Nonconformance Response	18. Nuclear and System Safety	L. K. Trent	J. E. Flalkovich
• Nonconformance Control				
	HNF-PRO-058, Critique Procedure	9. Operations	E. S. McGinley	C. P. Ames
	HNF-PRO-066, Electrical Utilities Lock and Tag Program	9. Operations	J. D. Davis	R. L. Fritz
	HNF-PRO-134, Identifying and Controlling Materials, Parts and Components	26. Property Management	E. S. McGinley	E. C. Dahlin
	HNF-PRO-298, Nonconforming Item Reporting and Control (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-388, Radiological Problem Reports	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-549, Criticality Safety Nonconformance Response	18. Nuclear and System Safety	L. K. Trent	J. E. Flalkovich
	HNF-PRO-652, Corrective Action Request (CAR) (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
• Performance Data Analysis				
	HNF-PRO-052, Corrective Action Management	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-318, Radiation Protection Lessons Learned Program	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-435, Required Radiological Surveillances	11. Radiation Protection	L. K. Trent	J. W. Foster

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
• Control of Suspect/Counterfeit Items				
HNF-PRO-301, Control of Suspect/Counterfeit Items (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers	
SECTION 4. DOCUMENTS AND RECORDS				
• Documents				
HNF-PRO-113, Determining Signature Authority for Official External Correspondence (to be written)	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-209, Performing Management Implementation Reviews	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-211, Compiling Administrative Record (AR) Files	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-212, Public Information Repository	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-224, Document Control	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-225, Distributing Copy-Controlled Unclassified Documents	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-226, Classified Document Control	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-227, Engineering Document Identification	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-228, Central Files and Distribution of Non-copy-Controlled Documents	29. Information Resource Management	H. J. Sterling	C. L. Davis	

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-230, Controlling Field, Laboratory, and Facility Notebooks/Logbooks	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-231, Correspondence and Commitment Control	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-232, Project and Task Document Management	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-233, Review and Approval of Documents	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-240, Engineering TBDs/HOLDS	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-241, Engineering Specification Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-243, Interface Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-244, Engineering Data Transmittal Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-317, Engineering Release and Approval Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-405, Protecting and Controlling Classified Matter	6. Safeguards and Security	E. S. McGinley	A. B. Beck	
HNF-PRO-439, Supporting Document Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba	
HNF-PRO-441, Engineering Procurement Waiver Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
• Records				
	HNF-PRO-027, Micrographics/Vault Services	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-108, Records Management Program (to be written)	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-147, Administration Retirement of Property	26. Property Management	E. S. McGinley	E. C. Dahlin
	HNF-PRO-208, Records Management - General	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-209, Performing Management Implementation Reviews	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-210, Records Management Program	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-213, Record or Nonrecord Material	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-214, Records Inventory and Disposition Schedules	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-215, Records Storage, Retrieval, and Destruction	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-216, Vital Records Protection Program	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-218, Micrographics	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-219, Records Restoration	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-222, Quality Assurance Records	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-226, Classified Document Control	29. Information Resource Management	H. J. Sterling	C. L. Davis

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-230, Controlling Field, Laboratory, and Facility Notebooks/Logbooks	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-232, Project and Task Document Management	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-348, Fire Protection Records	12. Fire Protection	L. K. Trent	D. L. Jackson
	HNF-PRO-405, Protecting and Controlling Classified Matter	6. Safeguards and Security	E. S. McGinley	A. B. Beck
	HNF-PRO-444, Vendor Information Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-372, Project Acceptance and Closeout	8. Construction Program	J. D. Davis	J. R. Kelly
SECTION 5. WORK PROCESSES				
• Work Process Documents				
	HNF-PRO-062, Identifying and Resolving Unreviewed Safety Questions	18. Nuclear and System Safety	L. K. Trent	E. J. Krejci
	HNF-PRO-225, Distributing Copy-Controlled Unclassified Documents	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-229, Technical Procedure Standard	29. Information Resource Management	H. J. Sterling	J. R. Barber
	HNF-PRO-323, External Dosimetry Quality Assurance	11. Radiation	L. K. Trent	J. W. Foster
	HNF-PRO-351, System Testing/Inspecting and Maintenance Frequencies	12. Fire Protection	L. K. Trent	D. L. Jackson

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-379, External Dosimetry Program	11. Radiations	L. K. Trent	J. W. Foster	
HNF-PRO-380, Internal Dosimetry Program	11. Radiation	L. K. Trent	J. W. Foster	
HNF-PRO-382, Area Dosimetry Program	11. Radiation	L. K. Trent	J. W. Foster	
HNF-PRO-394, Physical Protection of Property and Facilities	6. Safeguards and Security	E. S. McGinley	J. W. Bombino	
HNF-PRO-452, NEPA, SEPA, Cultural and Natural Resources	20. Environmental Protection	L. K. Trent	W. D. Adair	
HNF-PRO-589, Project Hanford Policy and Procedure System	1. Management Systems	J. L. Brennan	H. J. Sterling	
• Special Processes				
HNF-PRO-229, Technical Procedure Standard	29. Information Resource Management	H. J. Sterling	J. R. Barber	
• Identification and Control of Items				
HNF-PRO-072, Plant Instrumentation and Equipment Status Labeling	10. Maintenance	E. S. McGinley	J. R. Barber	
HNF-PRO-081, Hazardous Energy Control Program	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-101, Signs, Tags, and Barriers	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-102, Safety Color Coding	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-133, Tagging, Marking and Recording Property	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-134, Identifying and Controlling Materials, Parts and Components	26. Property Management	E. S. McGinley	E. C. Dahlin	

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-135, Receiving, Inspection, Storage, Issuance and Return of Contractor Procured ASME Code Material	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-140, Controlling Convenience Storage Inventory Systems	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-297, Inspection, Test, and Operating Status	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-335, Use and Control of Purchasing Card (P-Card)	22. Acquisition	G. Nalls	E. M. Foss	
HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-444, Vendor Information Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-542, Fissionable Material Labeling	18. Nuclear and System Safety	L. K. Trent	J. E. Flakovich	
• Handling, Shipping, and Storing				
HNF-PRO-087, Storing, Using and Handling Compressed Gases	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-096, Material Handling and Storage	19. Occupational Safety and Health	L. K. Trent	J. R. Bell	
HNF-PRO-126, Processing the Release to Ship	22. Acquisition	G. Nalls	M. L. Taylor	
HNF-PRO-129, Controlling Spare Parts and Spare Equipment Inventory	26. Property Management	E. S. McGinley	E. C. Dahlin	

HTI QAPD IMPLEMENTATION MATRIX			
	PHMC Procedure	Functional Area	Functional Area Mgr
	HNF-PRO-130, Controlling General Supplies Inventory	26. Property Management	E. S. McGinley
	HNF-PRO-131, Receiving Radioactive Material Shipments from Private and Commercial Carriers	26. Property Management	E. S. McGinley
	HNF-PRO-132, Shipping Material Offsite	26. Property Management	E. S. McGinley
	HNF-PRO-135, Receiving, Inspection, Storage, Issuance and Return of Contractor Procured ASME Code Material	26. Property Management	E. S. McGinley
	HNF-PRO-136, Management and Control of Sensitive Property	26. Property Management	E. S. McGinley
	HNF-PRO-138, Controlling Precious Metals	26. Property Management	E. S. McGinley
	HNF-PRO-139, Control of Potable Alcohol, Syringes, and Hypodermic Needles	26. Property Management	E. S. McGinley
	HNF-PRO-140, Controlling Convenience Storage Inventory Systems	26. Property Management	E. S. McGinley
	HNF-PRO-142, Moving/Transferring Property Within the Contractor	26. Property Management	E. S. McGinley
	HNF-PRO-143, Offsite Property Loans	26. Property Management	E. S. McGinley
	HNF-PRO-146, Transfer of Property to Other Hanford Contractors	26. Property Management	E. S. McGinley
	HNF-PRO-150, Management of Government-Owned Property in the Possession of Subcontractors and Vendors	26. Property Management	E. S. McGinley

Technical Authority

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

S. L. Johnson

E. C. Dahlin

E. C. Dahlin

E. C. Dahlin

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-358, Flammable/Combustible Liquids	12. Fire Protection	L. K. Trent	D. L. Jackson	
HNF-PRO-368, Laboratories	12. Fire Protection	L. K. Trent	D. L. Jackson	
HNF-PRO-370, Hazardous Materials Storage	12. Fire Protection	L. K. Trent	D. L. Jackson	
HNF-PRO-374, Physical Inventory of Materials, Facilities, Equipment and Facility Walkthroughs	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-375, Operation of Storage Facilities	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-376, Control of High-Risk Personal Property	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-543, Fissionable Material Storage	18. Nuclear and System Safety	L. K. Trent	J. E. Fialkovich	
HNF-PRO-545, Fissionable Material Packaging and Transportation	18. Nuclear and System Safety	L. K. Trent	J. E. Fialkovich	
HNF-PRO-579, Carcinogen Control	19. Occupational Safety and Health	L. K. Trent	K. H. Jaten	
• Process Monitoring or Data Collection Instruments				
HNF-PRO-072, Plant Instrumentation and Equipment Status Labeling	10. Maintenance	E. S. McGinley	J. R. Barber	
HNF-PRO-324, Spectral Studies	11. Radiation Protection	L. K. Trent	J. W. Foster	
HNF-PRO-436, Radiation Protection Instrument Program	11. Radiation Protection	L. K. Trent	J. W. Foster	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-632, GM Portable Survey Instrument	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-633, Portable Alpha Meter (PAM)	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-634, NRC AN/PDR-70 Snoopy	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-637, XETEX Telescan	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-638, William B. Johnson Extender	11. Radiation Protection	L. K. Trent	J. W. Foster
• Control of Computer Software				
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-311, Functional Security Requirements/Application Development	6. Safeguards and Security	E. S. McGinley	K. Love
SECTION 6. DESIGN				
• Design Input				
	HNF-PRO-089, Electrical Installation Safety	19. Occupational Safety and Health	L. K. Trent	J. R. Bell
	HNF-PRO-243, Interface Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-311, Functional Security Requirements/Application Development	6. Safeguards and Security	E. S. McGinley	K. Love
	HNF-PRO-349, Fire Protection Design Criteria	12. Fire Protection	L. K. Trent	D. L. Jackson
	HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-448, Interim Design Authority/ Design Agent Engineering Process Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-516, Safety Structures, Systems, and Components	18. Nuclear and System Safety	L. K. Trent	C. B. Evans
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-561, Functional Design Criteria	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-565, Statement of Work for an Offsite Architect-Engineer	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-570, Minor Projects	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-571, Supplemental Design Requirements Document	8. Construction Program	J. D. Davis	J. R. Kelly
• Design Process				
	HNF-PRO-239, Design Analysis Reports	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-241, Engineering Specification Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-243, Interface Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-244, Engineering Data Transmittal Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-441, Engineering Procurement Waiver Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-448, Interim Design Authority/ Design Agent Engineering Process Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-560, Conceptual Design Plan	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-561, Functional Design Criteria	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-562, Conceptual Design Report	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-563, Project Management Plan	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-565, Statement of Work for an Offsite Architect-Engineer	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-570, Minor Projects	8. Construction Program	J. D. Davis	J. R. Kelly

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-571, Supplemental Design Requirements Document	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-574, Project Plan	8. Construction Program	J. D. Davis	J. R. Kelly
• Design Verification				
	HNF-PRO-239, Design Analysis Reports	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-349, Fire Protection Design Criteria	12. Fire Protection	L. K. Trent	D. L. Jackson
	HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-445, Design Verification Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-448, Interim Design Authority/ Design Agent Engineering Process Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-570, Minor Projects	8. Construction Program	J. D. Davis	J. R. Kelly
• Design Changes				

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-227, Engineering Document Identification	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-441, Engineering Procurement Waiver Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-445, Design Verification Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-448, Interim Design Authority/ Design Agent Engineering Process Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-560, Conceptual Design Plan	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-561, Functional Design Criteria	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-565, Statement of Work for an Offsite Architect-Engineer	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-570, Minor Projects	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-571, Supplemental Design Requirements Document	8. Construction Program	J. D. Davis	J. R. Kelly

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
• Design Documentation and Records				
	HNF-PRO-227, Engineering Document Identification	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-232, Project and Task Document Management	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-240, Engineering TBDs/HOLDS	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-241, Engineering Specification Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-244, Engineering Data Transmittal Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-317, Engineering Release and Approval Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-439, Supporting Document Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-440, Engineering Document Change Control Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-448, Interim Design Authority/ Design Agent Engineering Process Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-560, Conceptual Design Plan	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-561, Functional Design Criteria	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-562, Conceptual Design Report	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-568 Environmental Documentation	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-571, Supplemental Design Requirements Document	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-574, Project Plan	8. Construction Program	J. D. Davis	J. R. Kelly	
• Computer Software				
HNF-PRO-239, Design Analysis Reports	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-309, Control of Computer Software (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
SECTION 7, PROCUREMENT				
• Procurement Planning				
HNF-PRO-123, Preparing a Requisition	22. Acquisition	G. Nalls	M. L. Taylor	
HNF-PRO-129, Controlling Spare Parts and Spare Equipment Inventory	26. Property Management	E. S. McGinley	E. C. Dahlin	
HNF-PRO-150, Management of Government-Owned Property in the Possession of Subcontractors and Vendors	26. Property Management	E. S. McGinley	E. C. Dahlin	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-310, Computer Security Within the Procurement Cycle	6. Safeguards and Security	E. S. McGinley	K. Love
	HNF-PRO-335, Use and Control of Purchasing Card (P-Card)	22. Acquisition	G. Nalls	E. M. Foss
	HNF-PRO-444, Vendor Information Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-501, Security Compliance for Procurement Request Originators	6. Safeguards and Security	T. J. Harper	R. W. Rush
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-565, Statement of Work for an Offsite Architect-Engineer	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-573, Justification of Mission Need	8. Construction Program	J. D. Davis	J. R. Kelly
• Content of Procurement Documents				
	HNF-PRO-123, Preparing a Requisition	22. Acquisition	G. Nalls	M. L. Taylor
	HNF-PRO-120, Respiratory Protection	19. Occupational Safety and Health	L. K. Trent	T. C. Ledford

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-129, Controlling Spare Parts and Spare Equipment Inventory	26. Property Management	E. S. McGinley	E. C. Dahlin
	HNF-PRO-150, Management of Government-Owned Property in the Possession of Subcontractors and Vendors	26. Property Management	E. S. McGinley	E. C. Dahlin
	HNF-PRO-241, Engineering Specification Requirements	7. Engineering Program	M. C. Skriba	M. C. Skriba
	HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-301, Control of Suspect/Counterfeit Items (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-310, Computer Security Within the Procurement Cycle	6. Safeguards and Security	E. S. McGinley	K. Love
	HNF-PRO-441, Engineering Procurement Waiver Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-444, Vendor Information Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-501, Security Compliance for Procurement Request Originators	6. Safeguards and Security	T. J. Harper	R. W. Rush
	HNF-PRO-551, Project Management	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-565, Statement of Work for an Offsite Architect-Engineer	8. Construction Program	J. D. Davis	J. R. Kelly
	HNF-PRO-583, Laser Safety	19. Occupational Safety and Health	L. K. Trent	K. H. Jaten
	• Supplier Evaluation and Selection			
	HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-335, Use and Control of Purchasing Card (P-Card)	22. Acquisition	G. Nalls	E. M. Foss
	• Control of Supplier Nonconformance			
	HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly
	• Acceptance of Items and Services			
	HNF-PRO-242, Engineering Drawing Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-286, Test Control	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-335, Use and Control of Purchasing Card (P-Card)	22. Acquisition	G. Nalls	E. M. Foss
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-572, Project Acceptance and Closeout	8. Construction Program	J. D. Davis	J. R. Kelly	
• Commercial Grade Items				
HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers	
• Control of Supplier-Generated Documents				
HNF-PRO-123, Preparing a Requisition	22. Acquisition	G. Nalls	M. L. Taylor	
HNF-PRO-232, Project and Task Document Management	29. Information Resource Management	H. J. Sterling	C. L. Davis	
HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-444, Vendor Information Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
• Control of Suspect/Counterfeit Items				
HNF-PRO-268, Procurement of Items and Services	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-301, Control of Suspect/Counterfeit Items (draft)	2. Quality Assurance	G. W. Grier	S. A. Byers	
SECTION 8, INSPECTION AND ACCEPTANCE TESTING				
• Inspection and Acceptance Testing Planning				
HNF-PRO-261, Quality Assurance Program Plans	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-286, Test Control	2. Quality Assurance	G. W. Grier	S. A. Byers	

HTI QAPD IMPLEMENTATION MATRIX				
PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority	
HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba	
HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-572, Project Acceptance and Closeout	8. Construction Program	J. D. Davis	J. R. Kelly	
• Inspection and Acceptance Testing Process				
HNF-PRO-263, Qualification and Certification of Inspection and Test Personnel	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-286, Test Control	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba	
HNF-PRO-447, Procurement of Safety Class Items and Management of Spares	7. Engineering Program	J. D. Davis	M. C. Skriba	
HNF-PRO-552, Project Control	8. Construction Program	J. D. Davis	J. R. Kelly	
HNF-PRO-572, Project Acceptance and Closeout	8. Construction Program	J. D. Davis	J. R. Kelly	
• Inspection and Acceptance Testing Records				
HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers	
HNF-PRO-286, Test Control	2. Quality Assurance	G. W. Grier	S. A. Byers	

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	• Inspection and Acceptance Testing Status			
	HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-286, Test Control	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-442, Development Control Requirements	7. Engineering Program	J. D. Davis	M. C. Skriba
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	HNF-PRO-283, Control of Inspections	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-446, Testing Requirements	7. Engineering Program	M. K. Yates	M. C. Skriba
	• Calibration of Measuring and Test Equipment			
	HNF-PRO-490, title unknown - addresses calibration of MT&E and test equipment	10. Maintenance	E. S. McGinley	
SECTION 9. MANAGEMENT ASSESSMENT				
	• Management Assessments			
	HNF-PRO-076, Safety Inspections	19. Occupational Safety and Health	L. K. Trent	J. R. Bell
	HNF-PRO-209, Performing Management Implementation Reviews	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-246, Management Assessment	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-319, Radiation Protection Self-Assessments	11. Radiation Protection	L. K. Trent	J. W. Foster

HTI QAPD IMPLEMENTATION MATRIX				
	PHMC Procedure	Functional Area	Functional Area Mgr	Technical Authority
	HNF-PRO-435, Required Radiological Surveillances	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-548, Criticality Safety Inspections and Assessments	18. Nuclear and System Safety	L. K. Trent	J. E. Flalkovich
	• Corrective Action			
	HNF-PRO-052, Corrective Action Management	2. Quality Assurance	G. W. Grier	S. A. Byers
	HNF-PRO-209, Performing Management Implementation Reviews	29. Information Resource Management	H. J. Sterling	C. L. Davis
	HNF-PRO-319, Radiation Protection Self-Assessments	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-435, Required Radiological Surveillances	11. Radiation Protection	L. K. Trent	J. W. Foster
	HNF-PRO-548, Criticality Safety Inspections and Assessments	18. Nuclear and System Safety	L. K. Trent	J. E. Flalkovich

ATTACHMENT 2

TYPES OF VERIFICATION AND INSPECTION

HTI Inspection Matrix

Note: Structures, systems and components noted in this table are based on information contained in the project PDC and may be modified during detailed design. Type of verifications and inspections, as well as location and timing, are similarly based on the PDC and will be revised in accordance with changes during detailed design.

STRUCTURE, SYSTEM, COMPONENT	TYPES OF VERIFICATION AND INSPECTION	LOCATION AND TIMING OF VERIFICATION AND INSPECTION		REMARKS
		SUPPLIER FACILITY	SITE	
TANK C-106 AND AY-102 UPGRADES				
C-106	D		1,2,3,4,6,7	
AY-102	D		1,2,3,4,6,7	
HEEL REMOVAL EQUIPMENT				
C-106	G	3,4,7	6,7	
CONE PENETROMETER PROBES				
MULTISENSOR	F	7	1,6,7	
SAMPLING	F	7	1,6,7	

Legend: Types of Verifications and Inspections

- D - Detailed inspection to verify details and to perform inspection for quality assurance reasons.
- F - Functional inspection to determine overall compliance with contract drawings and specifications.
- G - General inspection to ascertain that workmanship, and kind and quality of materials conforms to the contract specifications.

Timing of verification and inspection:

- | | |
|--------------------------------|------------------|
| 1 - Receipt of materials | 5 - Upon receipt |
| 2 - Prior to first weld or NDE | 6 - Installation |
| 3 - In process | 7 - Testing |
| 4 - Final inspection | |

The controls implemented dealing with vendor information is documented in the HTI Implementation Guide HNF-2511. The working process dealing with vendor information and controlling said information is documented in the established Project Hanford Policies and Procedures.

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