



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

Approved

[Handwritten Signature]
Robert D. Murray
Director Office of Standards and Quality Assurance

Date May 10, 2011

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 1.0 QARD Section 1.1	Organization General	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	Comment: The QARD was written by the Office of Civilian Radioactive Waste Management, which no longer has oversight authority since its shutdown in Fiscal Year 2011. EM-QA-002 describes the process that the Office of Environmental Management (EM) utilizes in conducting its independent oversight of quality assurance (QA) programs. EM-QA-002 also describes the organizational structure, the interfaces, and the general QA program principles applicable to the oversight of HLW and UNF QA programs. AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description, is written to show the oversight conducted by DOE EM-23.



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 1.2	Requirements	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	
QARD Section 1.2.1	Responsibility for Quality	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	See comment for QARD Sections 1.0 and 1.1 above
QARD Section 1.2.2	Resolution of Quality Disputes	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 1.3	Description	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	See comment for QARD Sections 1.0 and 1.1 above
QARD Section 1.3.1	Specific OCRWM Offices	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.
QARD Section 1.3.2	Delegation of Authority	N/A	
QARD Section 1.3.3	Principal Contractors	N/A	
QARD Section 1.3.4	Waste Custodians (Spent Nuclear Fuel and High-Level Waste Form Producers)	N/A	



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 2.0	Quality Assurance program	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	See comment for QARD Sections 1.0 and 1.1 above
QARD Sections 2.2.1 A&B	Quality Assurance Program Documents	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	
QARD Section 2.2.1 C	Quality Assurance Program Documents	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel	Comment: EM-MTX-1.1 DOE EM Oversight QARD Implementation Requirements Matrix meets this requirement.
QARD Section 2.2.2	Quality Assurance Program Applicability and Related Activities	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 2.2.3	Classifying Structures, Systems, And Components	N/A	Exception: There are no SSCs associated with the Oversight function.
QARD Section 2.2.4	Planning Work	EM-QA-002, Quality Assurance Program Plan for Oversight of QARD-based programs at Sites with High Level Waste and Used Nuclear Fuel AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	Exception: This requirement applies to this Program specific to the planning of DOE-EM Oversight of the HLW/UNF Program.
QARD Section 2.2.5	Surveillances	AP-2.2Q, Surveillances	None
QARD Section 2.2.6	Management Assessments	EM-QA-001	Comment: Internal DOE Management Assessment of the Oversight Program is covered under the DOE EM QA Program, EM-QA-001.
QARD Section 2.2.7	Readiness Reviews	N/A	Exception: Readiness Reviews are for Major programmatic organizational or process changes by the contractor. These will be performed under DOE O 425.1C
QARD Section 2.2.8	Peer Reviews	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 2.2.9	Expert Elicitation	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.
QARD Section 2.2.10	Quality Assurance Program Self Assessments	EM-QA-001	Comment: Internal DOE Management Assessment of the Oversight Program is covered under the DOE EM QA Program, EM-QA-001.
QARD Section 2.2.1 1	Personnel Indoctrination, Training, Qualification, and Certification	AP-2.1Q, Qualification of Audit Personnel	None
QARD Section 3.0	Design Control	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.
QARD Section 4.0	Procurement Document Control	N/A	
QARD Section 5.0	Procedures, Instructions, and Drawings	AP-5.1Q, Preparing Implementing Documents AP-5.2Q, Developing Forms AP-6.1Q, Document Review	None
QARD Section 6.0	Document Control	AP-6.2Q, Document Control	



Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 7.0	Control of Purchased Material, Equipment, and Services	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.
QARD Section 8.0	Identification and Control of Material, Parts, and Components	N/A	
QARD Section 9.0	Control of Special Processes	N/A	
QARD Section 10.0	Inspection	N/A	
QARD Section 11.0	Test Control	N/A	
QARD Section 12.0	Control of Measuring and Test Equipment	N/A	
QARD Section 13.0	Handling, Storage, and Shipping	N/A	



EM- MTX-1.1
05/06/2011

Environmental Management

Subject: DOE EM Oversight QARD Implementation Requirements Matrix

DOE/RW-0333P Revision 20 QARD Section Number	QARD Section Title	HLW / UNF Implementing Document	Exceptions, Justification, or Comments
QARD Section 14.0	Inspection, Test, and Operating Status	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.
QARD Section 15.0	Nonconforming Materials, Parts, or Components	N/A	
QARD Section 16.0	Corrective Action	AP-16.1Q, Corrective Action	None
QARD Section 17.0	Quality Assurance Record	AP-17 1Q Quality Assurance Records	
QARD Section 18.0	Audit	AP-18.1Q, Audits	
QARD Supplement V	Control of the Electronic Management of Information	AP-6.2Q, Document Control	
QARD Appendix A	Waste Custodian Interface	AP-1.1Q, High Level Waste (HLW) and Used Nuclear Fuel (UNF) Independent Oversight Program Description	
QARD Appendix C	Storage and Transportation	N/A	Exception: This requirement s does not apply to this Program, which is specific to DOE-EM Oversight of the HLW/UNF QA Program.