



FAQS Streamlining Working Group Evaluation Results

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Working Group Team Members

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- Mark Brown – EM – ID
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FAQS Evaluated

- Technical Program Manager – DOE-STD-1178-2004
- Deactivation and Decommissioning (D&D) – DOE-STD-1166-2003
- Environmental Compliance (EC) – DOE-STD-1156-2011
- Environmental Restoration (ER) – DOE-STD-1157-2002
- Waste Management (WM) – DOE-STD-1159-2003

Evaluation Criteria

1. Functional Area integral to safety of typical nuclear facilities

- Functional areas included in DOE Guide 226.1 *Line Management Oversight of DOE Nuclear Facilities*
- Safety Management Programs identified in 10 CFR 830 *DSA Safe Harbors*
- Safety Management Programs identified in 10 CFR 851

Evaluation Criteria – cont.

2. Functional Area is common across all program offices at HQ and Field Offices
3. Functional Area contains a majority of performance competencies unique to DOE
 - Unique DOE processes and knowledge requirements are identified in the FAQs
4. Functional Area has an office or lead sponsor of the FAQs that has a vested interest in the maintenance of the FAQs and the qualification of assigned personnel
 - e.g. criticality safety and facility representatives

Working Group FAQs Evaluation Results

Each working group member evaluated each FAQs using the established criteria, and then selected one of the following three options for the FAQs:

1. Retain and update to performance competencies using the systematic approach to training.
2. Retain but do not convert to performance competencies.
3. Cancel and archive FAQs.

Working Group FAQs Evaluation Results–cont.

Using the criteria, the working group consensus recommendations are:

- Retain and update the WM FAQs
- Retain but do not update the EC FAQs
- Archive the TPM, D&D, and ER FAQs

Archived FAQs

- What is the status of personnel who are in TQP who are qualified to an FAQS that is subsequently “archived”
 - They are still qualified
 - NTC will evaluate eTQP to see how this would affect reporting
 - Supervisors could elect to assign them a JSQS when that option is officially available
 - Proficiency and performance competencies maintained through continuing training and job assignments

DECISION POINT

- Does the FTCP Panel agree with the Working Groups recommendation to Archive the TPM, D&D, and ER FAQs and retain the WM and EC FAQs?
- Are there any alternate viewpoints from the Panel or Working Group Members?

Back Up Slides

- Number of Personnel Assigned FAQs evaluated (from eTQP and 2016 data call)
 - WM (39 [53] complete, 1 [12] in progress)
 - EC (42 [53] complete, 9 [12] in progress)
 - TPM (43 [59] complete, 0 [23] in progress)
 - D&D (6 [11] complete, 0 [0] in progress)
 - ER (20 [19] complete, 0 [7] in progress)

FAQS	Criterion #1. Y/N	Criterion #2. Y/N	Criterion #3. Y/N	Criterion #4. Y/N	Recommendation (1, 2 or 3)
TPM	N	Y-4, N	Y	Y-4,N	4 archive, 1 retain and convert
D&D	N	Y-3, N-2	N	Y-4, N	4 archive, 1 retain but not convert
EC	N	Y	N	N-4, Y	3 retain but not convert, 1 archive, 1 retain and convert
ER	N	N-4, Y	N	N	4 archive, 1 retain and do not convert
WM	Y-3, N-2	Y-4, N	N-4, Y	N-3, Y-2	3 retain and convert, 1 retain and do not convert, 1 archive

ER	D&D	EC	WM
2002 -42 total competencies, No Requalification requirement	2003 – 34 total competencies, no Requalification requirement	2011- 24 total competencies, no requalification requirement	2003- 49 total competencies, no requalification requirement.
Scientific and Engineering Principles (13) – Chemistry (2); Statistics; Hydrology, Geology, and Soil Science; Graphical Data and Measurements (2); Environmental Biology; Meteorology; Heat Transfer, Fluid Flow and Thermodynamics; Engineering Drawings; Environmental Technologies (2); Problem Analysis	General Technical (10) – PPE use; hazardous material safety requirements; Hazardous and Radioactive Material Surveys; general D&D safety practices; Fundamentals of utility and infrastructure systems; erosion and groundwater movement; HVAC systems and contaminant transfer; Process Instrumentation; Building Demolition and related hazards; principles of decontamination.	General Technical (9) – Chemistry Fundamentals; Water and Air Treatment Technologies; Statistics and measurements; hydrology; Meteorology; Environmental Biology; Engineering Drawings; Environmental Monitoring; Environmental Safety;	Scientific and Engineering Principles (9) – Chemistry (2); Statistics; Hydrology, Geology, and Soil Science; Meteorology; Environmental Biology; Engineering Drawings; Heat Transfer, Fluid Flow and Thermodynamics; Problem Analysis.
Operational Knowledge (9) – Environmental Protection Program; Environmental Monitoring (2); Industrial Safety (6)	Regulatory (18) – Facility Safety and ISM; DOE STD -1120-98; OSHA requirements; USQ Process; 10 CFR 830 Subpart B; Radiation Protection; Occurrence Reporting; Life Cycle Asset Management; D&D related Environmental Laws; Regulatory agreements, permits, and compliance actions; RCRA/ CERCLA for D&D activities; NEPA; Waste Management Requirements; Packaging and Transportation requirements;	Regulatory (13) – Regulatory requirements for monitoring and surveillance samples; managing regulatory agreements and permits; enforcement of environmental laws and regulations; Clean Air Act; Clean water Acts; NEPA (2); Radiation Protection; CERCLA and SARA; Supporting environmental laws and regulations; quality assurance and compliance data; RCRA; Radioactive Waste Management;	Operational Knowledge (17) – Training and Qualification per DOE O 5480.20A; Conduct of Maintenance (DOE O 433.1); Configuration Management STD 1073; Monitoring Techniques and Equipment; Mechanical systems (3); ISM (6) – Facility Safety and QA orders, OSHA and MSHA requirements, radiation protection; PPE for hazardous materials, environmental risk assessment; Authorization Basis Documentation (4) – 10CFR 830 subpart B, DOE STD 1027, Nuclear Criticality Safety, PAAA.
Functional Area Specific (20)– Project Management (5); Environmental Laws, Regulations and Department Directives (13); Waste Management (2)	Management, Assessment, and Oversight (6) – Project Communications; D&D contracting; configuration management principles; downgrading security requirements; quality assurance; problem analysis principles.	Management, Assessment, and Oversight (2) – Environmental Management Systems; Evaluating Compliance to Environmental Regulations.	Functional Area Specific (23) – O 450.1; CAA; water related laws and regulations; NEPA; waste management related act; PCB waste 10 CFR Part 761; CERLA and EPCRA; Federal Facility Compliance Act; supporting environmental laws and regulations; management and negotiation of regulatory requirements; CERCLA documentation; RCRA 40 CFR; Rad Waste DOE O 435.1; TRU Waste management; HLW management; P&T of hazardous waste; Evaluating Compliance to Environmental Regulations; OSHA PSM Rule; Agreements; Notice of Violations; Pollution prevention Program (PPM); LCAM.