

FAQS Recommendations

FEDERAL TECHNICAL CAPABILITY PANEL

FACE-TO-FACE MEETING

NOV 3-5, 2015

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Background

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- Currently 34 TQP qualifications standards
 - ▣ Recommendations:
 - Retain standards that are directly related to nuclear facility operations
 - STSM/FR/NSS/S&S
 - Create new standards that consolidate new and/or remaining critical functions
 - Archive low-need/unique qual standards (available for conversion to a site-specific qual standard as needed)
 - Shift General Technical Base qualification standards content to federal oversight orientation training and other appropriate FAQs

Proposed Future Set of FAQs

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- ❑ Senior Technical Safety Manager
- ❑ Facility Representative
- ❑ Criticality Safety
- ❑ Nuclear Safety Specialist
- ❑ Safeguards and Security
- ❑ Technical Program Manager
- ❑ DOE Oversight (new)
- ❑ Safety Management Program Specialist (new)
- ❑ Safety Systems Specialist (new - for Safety System Oversight personnel)
- ❑ Environmental Specialist (new)
- ❑ Worker Safety and Health Specialist (new)

New Safety Management Program Specialist FAQs

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- A new single FAQs that contains common required nuclear facility knowledge and individual sections covering DOE unique knowledge requirements from the following current FAQs:
 - Radiation Protection
 - Fire Projection
 - Facility Maintenance Management
 - Technical Training
 - Quality Assurance
 - Emergency Management
 - Waste Management

New Safety System Specialist FAQs

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- A new FAQs for Safety System Oversight personnel that contains common required nuclear facility knowledge and individual sections covering DOE unique knowledge requirements from the following current FAQs:
 - Electrical System Safety Oversight
 - Instrumentation and Controls
 - Mechanical Systems
 - Confinement Ventilation and Process Gas Treatment
 - Civil/Structural Engineering
 - Safety Software QA

New Environmental Specialist FAQs

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- A new FAQs for Environmental Program personnel that contains common required nuclear facility knowledge and unique DOE knowledge requirements from the following current FAQs:
 - Environmental Compliance
 - Environmental Restoration

New Worker Safety and Health Specialist FAQs

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- A new FAQs covering CFR 851 and unique DOE worker safety and health knowledge requirements from the following current FAQs:
 - Occupational Safety
 - Industrial Hygiene

Convert to a Program, Office, or Site-Specific Qualification Requirement

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- Recommendation based on low reported need in complex (20 or less FTEs reported in 2014)
 - Aviation Manager - 2
 - Aviation Safety Officer - 2
 - Chemical Processing - 12
 - Deactivation/Decommissioning-13
 - Construction Management - 12
 - NNSA Package Certification Engineer - 15
 - Nuclear Explosive Safety Study - 9
 - Transportation & Traffic Management - 16
 - Weapons QA - 20

Path Forward

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- FTCP Approval of Performance Based FAQs Template
- NSS FAQs REVCOM
- Oversight FAQs REVCOM
- S&S FAQs REVCOM

Path Forward - Continued

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- Start Development of new combined FAQs
 - Use same process of completing a Job Task Analysis and Rapid Development teams facilitated by the NTC
 - Prioritize and manage with cross cutting teams
 - Safety Management Program Specialists
 - Environmental Specialists
 - Safety Systems Specialists
 - Worker Safety and Health Specialists
 - Crosswalk current GTB knowledge items to where they will be retained in new set of FAQs or provide basis for removing any knowledge items
 - Coordinate all new FAQs with update to DOE O 426.1

Path Forward - Continued

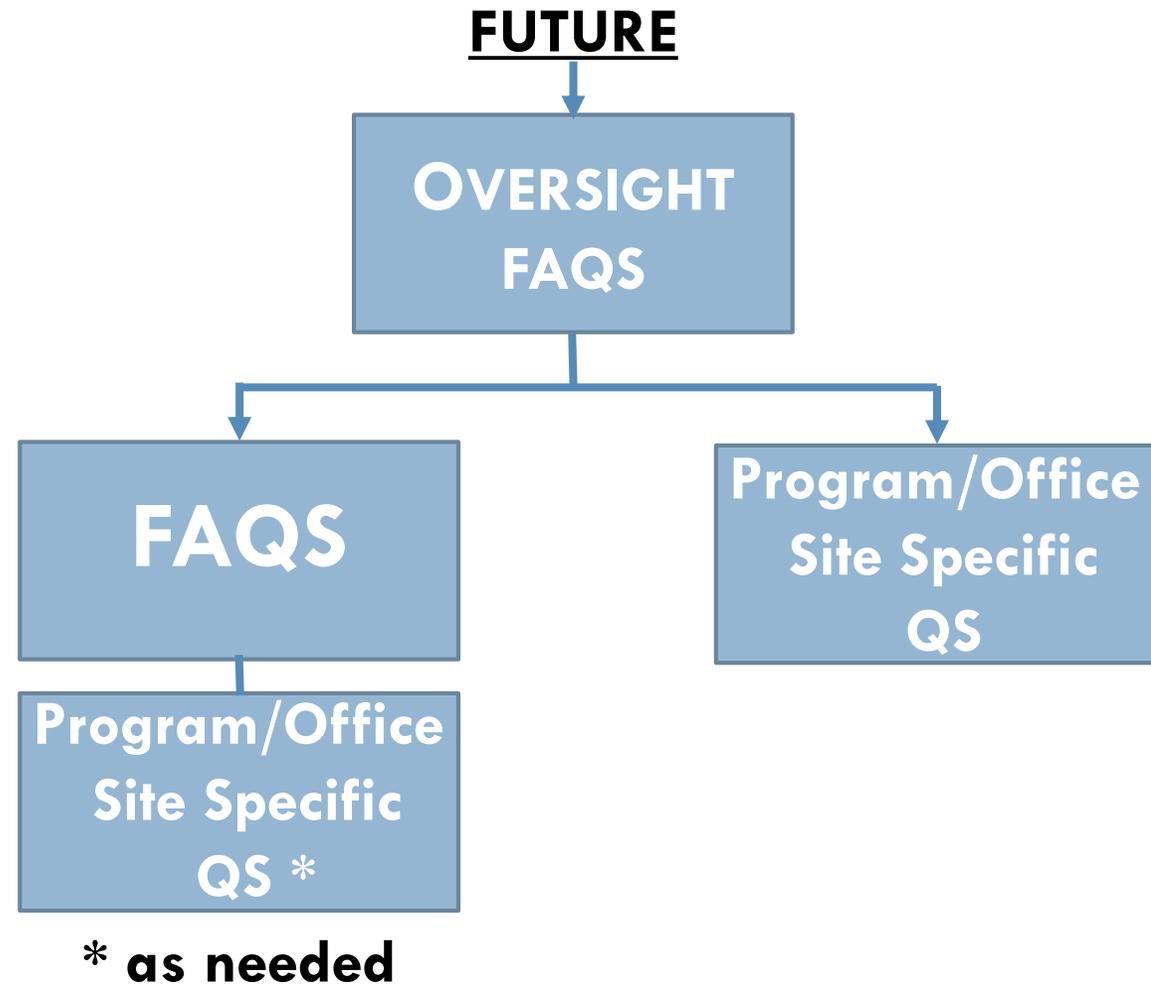
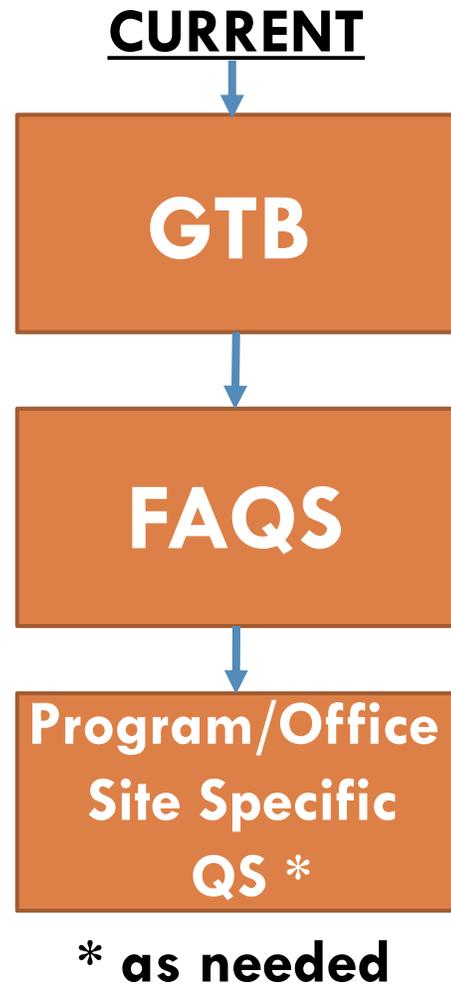
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□ Transition

- Updates to existing FAQs using current template that are in progress will continue if close to completion
- Any new updates will be done with new template on a prioritized basis
 - Will likely need to complete all the new consolidated FAQs first before updating on existing FAQs to limit content overlap or potential gaps
- Archive proposed set of program/office/site specific standards
 - Use existing process for archiving

Comparison of Current to Possible Future TQP Path

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Decision Points

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- Proceed with REVCOM review for NSS Performance Based FAQs
- Proceed with development of Oversight FAQs
- Agree to concept for development of new combined FAQs
 - ▣ Safety Management Program Specialists
 - ▣ Safety System Specialists
 - ▣ Environment Specialists
 - ▣ Worker Safety & Health Specialists
- Agree to moving GTB knowledge into other appropriate FAQs
 - ▣ This will not be done until all content is verified to be another FAQs or determined to be not needed