



Department of Energy
National Nuclear Security Administration
Service Center
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MAY 18 2011

MEMORANDUM FOR: Distribution

FROM:

Karen L. Boardman, Chairperson, Federal Technical Capability Panel

SUBJECT: Quarterly Report on Federal Technical Capability - 11-NA SC 04

This Quarterly Report on the Federal Technical Capability Program (FTCP) contains information on the status of qualifications in the Technical Qualification Program (TQP) and technical skill gaps as of March 31, 2011.

Attachment 1 provides the Status of Qualifications in the TQP. The U.S. Department of Energy (DOE) goal is to exceed 80% “fully qualified or on schedule for qualification” for all personnel in the TQP. Currently, this overall DOE TQP qualification rate is 88%. In addition, 73% of all required personnel are fully qualified. Headquarters and site office managers are encouraged to maintain emphasis on the timely qualifications of their technical personnel. A second goal is that there will be no personnel participating in the TQP who are overdue in their qualifications. The number of personnel overdue in their qualifications is 41.

Attachment 2, 3, 4 and 5 provide specific status of qualifications for Facility Representatives (FR), Senior Technical Safety Managers (STSM), Nuclear Safety Specialists (NS), and Safety System Oversight (SSO) personnel, respectively. General status of qualification in these areas is:

- FR - 88% fully qualified or on schedule for qualification; 82% fully qualified
- STSM - 86% fully qualified or on schedule for qualification; 69% fully qualified
- NS - 87% fully qualified or on schedule for qualification; 71% fully qualified
- SSO - 93% fully qualified or on schedule for qualification; 73% fully qualified

Attachment 6 shows the status of overall TQP qualifications. Attachments 7 and 8 provide trend data for overall TQP qualification and staffing shortfalls. More detailed Facility Representatives qualification data is published quarterly by the Facility Representative Program Manager.

If you have any questions or comments, please contact me, or your staff may contact Jeanette Yarrington at (301) 903-7030.

Attachments

cc w/attachments:

FTCP Agents

E. White, NNSA SC

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Manager, Pantex Site Office (PXSO)

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Manager, Sandia Site Office (SSO)

Manager, Savannah River Operations Office (SR)

Manager, Savannah River Site Office (SRSO)

Manager, Y-12 Site Office (YSO)

Status of Qualifications in the Technical Qualification Program (TQP)										
March 31, 2011										
Update Frequency: Quarterly										
OVERALL TQP QUALIFICATIONS										
Office		Number of Capabilities Needed (C)	Number of Capabilities Staffed by Onboard, Fully Qualified Personnel (D)	Number of Capabilities for Which Onboard Staff are Engaged in Initial Qualification, or are Overdue Either for Initial Qualification or Requalification (Includes Column F) (E)	Number of Capabilities for Which Onboard Staff are Overdue to Complete Initial Qualification or Requalification (F)	Staffing Shortfall, i.e. Number of Capabilities for Which Personnel are Not Onboard =C-(D+E)	Percentage of Capabilities for Which Staff are Onboard =(D+E)/C	Percentage of Capabilities Staffed by Onboard, Fully Qualified Personnel =D/C	Percentage of Required Capabilities That Are Either Fully Qualified or on Schedule for Qualification =(D+E-F)/C	Comments
National Nuclear Security Administration (NNSA)										
Los Alamos Site Office	LASO	125	80	17	3	28	78%	64%	75%	This report has been rebaselined to be consistent with the updated LASO FTCP Workforce Analysis dated Jan 20, 2011. Staffing shortfall numbers include 21 positions identified as needed in the Analysis but not filled due to FTE restrictions, 6 vacancies and 1 FLP graduate assignment. Staffing gaps are typically covered by Service Center support; also 1 support service contractor.
Livermore Site Office	LSO	58	40	15	0	3	95%	69%	95%	Internal candidate hired for Deputy Manager, creates a vacancy for an Assistant Manager. 1 FR and 1 Industrial Hygiene position will be filled through the Future Leader Program staff currently onboard.
Nevada Site Office	NSO	74	54	17	0	3	96%	73%	96%	NSO plans to fill 1 Criticality Safety position by 4th qtr FY11, 1 Aviation Safety Position by 2nd qtr FY 12, and 1 Facility Maintenance Management position by 1st qtr FY12
Pantex Site Office	PXSO	65	57	8	0	0	100%	88%	100%	
Savannah River Site Office	SRSO	18	14	3	0	1	94%	78%	94%	Retirements/new hires have driven SRSO below 80%. Expect to be above 80% by end of FY11.
Sandia Site Office	SSO	46	36	3	0	7	85%	78%	85%	Aviation Safety, Civil Structural Engineering, and Electrical Systems capabilities, as well as additional Environmental Compliance, Criticality Safety, and Emergency Management capabilities, provided through NNSA/SC matrix support (7 capabilities).
Y-12 Site Office	YSO	88	71	10	2	7	92%	81%	90%	Vacancies due to retirement, internal promotion and resignation; working to backfill and evaluate staffing assignments.
NNSA Headquarters	NA-HQ	161	83	36	13	42	74%	52%	66%	
NNSA Service Center	NA-SC	55	47	7	0	1	98%	85%	98%	Hiring 1 (OSH) TQP Participant.
NNSA Totals		690	482	116	18	92	87%	70%	84%	
Environmental Management (EM)										
Carlsbad Field Office	CBFO	16	13	3	0	0	100%	81%	100%	
CBC and OSS&SP Field Personnel	CBC & OSSSP	47	16	23	0	8	83%	34%	83%	Eleven mandatory Senior Technical Safety Manager Functional Area Qualification Standard requirements for the EMCBC and OSS&SP, 7 mandatory Facility Representative Functional Area Qualification Standards for the OSS&SP, and 1 mandatory Radiation Protection Functional Area Qualification Standard at the SPRU. Two FR positions to be filled at the SPRU. The West Valley Demonstration Project (WVDP) reported thirty-one capabilities needed. Of these capabilities needed - seven are staffed by onboard fully qualified personnel and eighteen are engaged in initial qualification. There are six staffing shortfalls that are currently being filled by support contractors at the WVDP. The EMCBC will continue to track voluntary participation in the TQP internally but will only report mandatory participation in the overall numbers to the FTCP.
Office of River Protection	ORP	102	95	7	0	0	100%	93%	100%	Increase of 2 to the Technical Staff (4 onboard less than 30 days).
Portsmouth/Paducah Project Office	PPPO	25	14	11	0	0	100%	56%	100%	PPPO has established obtaining FPD qualifications as a priority over TQP certification.
Richland Operations Office	RL	78	59	14	10	5	94%	76%	81%	Shortfall: Industrial Hygienist, Occupational Safety, Mechanical SSO, Criticality Safety SSO, Criticality Safety, and Emergency Management.
Savannah River Ops. Office	SR	217	157	25	1	35	84%	72%	83%	Shortfall increase due to losses from VSIP/VERA and transfers. Delinquency is aggressively managed to be completed within 60 days.
EM Headquarters	EM-HQ	69	39	30	5	0	100%	57%	93%	EM HQs is still under a continued process of reassignments and/or details, across the HQ offices and some TQPs are being affected and/or changed.
EM Totals		554	393	113	16	48	91%	71%	88%	
Others										
Chief of Nuclear Safety	CNS	9	6	3	2	0	100%	67%	78%	Of the total CNS staff of nine, six are required to qualify STSM and one is required to qualify Nuclear Safety Specialist and the two remaining staff members identified as SMEs for QA (and not liable for STSM). Additionally, all but the CNS and NSS staff are required to qualify HQ SSO.
Health, Safety and Security	HSS	118	86	29	0	3	97%	73%	97%	Shortfall includes several unfilled HSS TQP positions: 1 Occupational Safety, 1 Physical Security, and 1 FR position.
Idaho Operations Office	NE-ID	130	125	2	0	3	98%	96%	98%	Recruiting for 1 IH specialist, DM-ICP interviews in progress, short 1 FR- being covered by reassignments.
Oak Ridge Office	OR	175	131	32	2	12	93%	75%	92%	Recruiting to fill authorized vacancies.
Office of Science - HQ	SC-HQ	3	1	2	1	0	100%	33%	67%	
Chicago - (SC)	SC-CH	10	6	4	2	0	100%	60%	80%	The reduction in staffing numbers is due to adjustments being made to reflect the technical staff who support DNFSB facilities. The staff who have been removed from this report remain in the SC-CH technical qualification program but are no longer reported in this document. The qualified security staff have also been removed from this report.
Pacific Northwest Site Office (SC)	PNSO	6	4	1	0	1	83%	67%	83%	1 NSS and 3 additional SSO support provided by the SC Integrated Support Center.
Others Totals		451	359	73	7	19	96%	80%	94%	
DOE Total		1695	1234	302	41	159	91%	73%	88%	
DOE Goals		-	-	-	-	-	-	-	80%	
Notes:										

Status of Qualifications in the Facility Representative (FR) Program

March 31, 2011

Update Frequency: Quarterly

OVERALL FACILITY REPRESENTATIVE (FR) PERSONNEL QUALIFICATIONS

Office		Number of FR Capabilities Needed (C)	Number of FRs Staffed by Onboard, Fully Qualified Personnel (D)	Number of FRs for Which Onboard Staff are Engaged in Initial Qualification, or are Overdue Either for Initial Qualification or Requalification (Includes Column F) (E)	Number of FRs for Which Onboard Staff are Overdue to Complete Initial Qualification or Requalification (F)	Staffing Shortfall, i.e. Number of FRs for Which Personnel are Not Onboard =C-(D+E)	Percentage of Capabilities for Which Staff are Onboard =(D+E)/C	Percentage of Capabilities Staffed by Onboard, Fully Qualified Personnel =D/C	Percentage of Required Capabilities That Are Either Fully Qualified or on Schedule for Qualification =((D+E)-F)/C	Comments
National Nuclear Security Administration (NNSA)										
Los Alamos Site Office	LASO	16	13	1	0	2	88%	81%	88%	Two of LASO FTCP workforce analysis FR positions identified as needed are not able to be filled due to FTE restrictions.
Livermore Site Office	LSO	5	4	0	0	1	80%	80%	80%	1 FR will be filled through the Future Leader Program staff currently onboard.
Nevada Site Office	NSO	7	6	1	0	0	100%	86%	100%	
Pantex Site Office	PXSO	10	10	0	0	0	100%	100%	100%	
Savannah River Site Office	SRSO	4	3	0	0	1	75%	75%	75%	FLP will convert to FR upon graduation in June 2011.
Sandia Site Office	SSO	6	5	1	0	0	100%	83%	100%	
Y-12 Site Office	YSO	10	9	0	0	1	90%	90%	90%	Hiring in progress to fill the vacancy with an FLP.
NNSA Headquarters	NA-HQ	7	2	1	0	4	43%	29%	43%	
NNSA Totals		65	52	4	0	9	86%	80%	86%	
Environmental Management (EM)										
Carlsbad Field Office	CBFO	3	3	0	0	0	100%	100%	100%	
CBC and OSS&SP Field Personnel	CBC & OSSSP	7	4	1	0	2	71%	57%	71%	Includes FR's at Brookhaven National Laboratory (1), MOAB (1), Stanford Linear Accelerator Center (1), West Valley Demonstration Project (1), and one FR at the West Valley Demonstration Project completing site-specific training. Two FR positions to be filled at the Separations Research Process Unit.
Office of River Protection	ORP	15	12	3	0	0	100%	80%	100%	Gain of 3 new FRs who are >50% toward qualification, loss of 2 to promotion and transfer.
Portsmouth/Paducah Project Office	PPPO	5	5	0	0	0	100%	100%	100%	
Richland Operations Office	RL	20	18	2	1	0	100%	90%	95%	
Savannah River Ops. Office	SR	36	26	3	1	7	81%	72%	78%	Staffing action near completion (offers currently being extended) to hire four FRs. Delinquent individual is awaiting Oral Board; anticipate completion of qualification within next 60 days.
EM Totals		86	68	9	2	9	90%	79%	87%	
Others										
Health, Safety and Security	HSS	1	0	0	0	1	0%	0%	0%	Recruitment efforts still being reported to backfill retired FR position.
Idaho Operations Office	NE-ID	19	18	0	0	1	95%	95%	95%	Short 1 FR being covered by reassignments.
Oak Ridge Office	OR	22	21	1	0	0	100%	95%	100%	
Chicago - (SC)	SC-CH	1	0	1	1	0	100%	0%	0%	
Pacific Northwest Site Office (SC)	PNSO	3	2	0	0	1	67%	67%	67%	Recruitment effort underway to replace reassigned FR.
Others Totals		46	41	2	1	3	93%	89%	91%	
DOE Total		197	161	15	3	21	89%	82%	88%	
Notes:										

Status of Qualifications in the Senior Technical Safety Manager (STSM) Program										
March 31, 2011										
Update Frequency: Quarterly										
OVERALL SENIOR TECHNICAL SAFETY MANAGER (STSM) PERSONNEL QUALIFICATIONS										
Office		Number of STSM Capabilities Needed (C)	Number of STSMs Staffed by Onboard, Fully Qualified Personnel (D)	Number of STSMs for Which Onboard Staff are Engaged in Initial Qualification, or are Overdue Either for Initial Qualification or Requalification (Includes Column F) (E)	Number of STSMs for Which Onboard Staff are Overdue to Complete Initial Qualification or Requalification (F)	Staffing Shortfall, i.e. Number of STSMs for Which Personnel are Not Onboard =C-(D+E)	Percentage of Capabilities for Which Staff are Onboard =(D+E)/C	Percentage of Capabilities Staffed by Onboard, Fully Qualified Personnel =D/C	Percentage of Required Capabilities That Are Either Fully Qualified or on Schedule for Qualification =((D+E)-F)/C	Comments
National Nuclear Security Administration (NNSA)										
Los Alamos Site Office	LASO	8	7	0	0	1	88%	88%	88%	One LASO STSM vacancy due to retirement; position in process of being announced.
Livermore Site Office	LSO	8	7	0	0	1	88%	88%	88%	Internal candidate hired for Deputy Manager, creates a vacancy for an Assistant Manager.
Nevada Site Office	NSO	13	8	5	0	0	100%	62%	100%	
Pantex Site Office	PXSO	7	7	0	0	0	100%	100%	100%	
Savannah River Site Office	SRSO	3	3	0	0	0	100%	100%	100%	
Sandia Site Office	SSO	4	4	0	0	0	100%	100%	100%	
Y-12 Site Office	YSO	6	4	1	0	1	83%	67%	83%	Deputy Manager position filled by internal promotion, backfill in progress for Senior Project Director.
NNSA Headquarters	NA-HQ	51	33	12	8	6	88%	65%	73%	
NNSA Service Center	NA-SC	15	12	3	0	0	100%	80%	100%	
NNSA Totals		115	85	21	8	9	92%	74%	85%	
Environmental Management (EM)										
Carlsbad Field Office	CBFO	5	3	2	0	0	100%	60%	100%	New ABSTA and Office Director of Site Operations engaged in initial STSM qualification. Two other CBFO staff members are also engaged in initial STSM qualification. STSM candidates on schedule to take the STSM Course. CBFO has another qualified STSM on staff available to assist the new STSM candidates.
CBC and OSS&SP Field Personnel	CBC & OSSSP	11	6	5	0	0	100%	55%	100%	Re-evaluated the number of STSM Capabilities needed and determined the number of STSM capabilities needed by the EMCBC and Office of Site Support and Small Projects: EMCBC (4), MOAB (3), OAK (1), SPRU (1), and WVDP (2). The EMCBC will continue to track voluntary participation in the TQP but will only report mandatory STSM participation in the number of capabilities needed.
Office of River Protection	ORP	10	9	1	0	0	100%	90%	100%	Increase of 3 STSM positions by creation of a new SES position and including directors who manage SSOs and NSS as STSMs.
Portsmouth/Paducah Project Office	PPPO	6	1	5	0	0	100%	17%	100%	The Portsmouth and Paducah Site Leads and Deputy Manager will need to qualify for STSM.
Richland Operations Office	RL	6	5	1	0	0	100%	83%	100%	
Savannah River Ops. Office	SR	31	26	3	0	2	94%	84%	94%	Anticipate completion of staffing action within 60 days to hire one STSM. Three individuals in training are on schedule.
EM Headquarters	EM-HQ	23	13	0	4	10	57%	57%	39%	
EM Totals		92	63	17	4	12	87%	68%	83%	
Others										
Chief of Nuclear Safety	CNS	6	6	0	0	0	100%	100%	100%	Of the total CNS staff of nine, six are required to qualify STSM. The remaining staff are either recognized QA SMEs or qualifying Nuclear Safety Specialist (NSS) and not required to qualify STSM.
Health, Safety and Security	HSS	21	13	8	0	0	100%	62%	100%	Three managers need to complete Oral Boards. Two managers are on schedule to complete STSM course. Three managers need to schedule STSM course.
Idaho Operations Office	NE-ID	8	7	0	0	1	88%	88%	88%	Competing hiring process for DM-ICP Position.
Oak Ridge Office	OR	26	13	10	2	3	88%	50%	81%	
Office of Science - HQ	SC-HQ	3	1	2	1	0	100%	33%	67%	
Chicago - (SC)	SC-CH	3	2	1	0	0	100%	67%	100%	The reduction in staffing numbers is due to adjustments being made to reflect the STSM who may support DNFBS facilities. The STSM who was removed from this report remain in the SC-CH technical qualification program but are no longer reported in this document.
Pacific Northwest Site Office (SC)	PNSO	2	1	1	0	0	100%	50%	100%	Ops Div Manager retired in Dec. Replacement hired in Jan and on schedule for qualification.
Others Totals		69	43	22	3	4	94%	62%	90%	
DOE Total		276	191	60	15	25	91%	69%	86%	
Notes:										

Status of Qualifications in the Nuclear Safety Specialist (NS) Program

March 31, 2011

Update Frequency: Quarterly

OVERALL NUCLEAR SAFETY SPECIALIST (NS) PERSONNEL QUALIFICATIONS

Office		Number of NS Capabilities Needed (C)	Number of NSs Staffed by Onboard, Fully Qualified Personnel (D)	Number of NSs for Which Onboard Staff are Engaged in Initial Qualification, or are Overdue Either for Initial Qualification or Requalification (Includes Column F) (E)	Number of NSs for Which Onboard Staff are Overdue to Complete Initial Qualification or Requalification (F)	Staffing Shortfall, i.e. Number of NSs for Which Personnel are Not Onboard =C-(D+E)	Percentage of Capabilities for Which Staff are Onboard =(D+E)/C	Percentage of Capabilities Staffed by Onboard, Fully Qualified Personnel =D/C	Percentage of Required Capabilities That Are Either Fully Qualified or on Schedule for Qualification =(D+E-F)/C	Comments
National Nuclear Security Administration (NNSA)										
Los Alamos Site Office	LASO	12	8	1	0	3	75%	67%	75%	1 qualified NSS reassigned within LASO. A soon to graduate FLP candidate will be assigned NSS after graduation. Two of LASO FTCP workforce analysis NSS positions identified as needed are not able to be filled due to FTE restrictions.
Livermore Site Office	LSO	4	3	1	0	0	100%	75%	100%	New candidate recently placed in the TQP.
Nevada Site Office	NSO	3	3	0	0	0	100%	100%	100%	
Pantex Site Office	PXSO	5	5	0	0	0	100%	100%	100%	
Savannah River Site Office	SRSO	2	1	1	0	0	100%	50%	100%	New Safety Advisor hired in March 2011. Working on quals.
Sandia Site Office	SSO	2	1	1	0	0	100%	50%	100%	
Y-12 Site Office	YSO	6	3	2	1	1	83%	50%	67%	Need 1 additional NSS capability.
NNSA Headquarters	NA-HQ	12	2	1	1	9	25%	17%	17%	
NNSA Service Center	NA-SC	9	8	1	0	0	100%	89%	100%	
NNSA Totals		55	34	8	2	13	76%	62%	73%	
Environmental Management (EM)										
Carlsbad Field Office	CBFO	2	1	1	0	0	100%	50%	100%	Nuclear Safety Specialist candidate engaged in the initial qualification. Currently being performed by a support contractor at the WVDP.
CBC and OSS&SP Field Personnel	CBC & OSSSP	1	1	0	0	0	100%	100%	100%	
Office of River Protection	ORP	8	6	2	0	0	100%	75%	100%	ORP has 1 fully qualified Criticality Safety Engineer. 2 qualified NSS are working on a secondary Criticality Safety Engineers FAQ in preparation for the shift to commissioning of the Waste Treatment Plant.
Portsmouth/Paducah Project Office	PPPO	1	1	0	0	0	100%	100%	100%	SSO serving as Nuclear Safety Lead with support from subcontractors.
Richland Operations Office	RL	4	4	0	0	0	100%	100%	100%	
Savannah River Ops. Office	SR	28	21	4	0	3	89%	75%	89%	Staffing action on-going to hire one NSS. Anticipate completion within 60 days. Personnel in training are on scheduled.
EM Headquarters	EM-HQ	4	4	0	0	0	100%	100%	100%	
EM Totals		48	38	7	0	3	94%	79%	94%	
Others										
Chief of Nuclear Safety	CNS	1	0	1	0	0				One staff member is required to qualify Nuclear Safety Specialist (NSS) commencing FY10 Q1.
Health, Safety and Security	HSS	15	9	6	0	0	100%	60%	100%	Several are newly appointed NSS's that are undergoing qualification.
Idaho Operations Office	NE-ID	8	8	0	0	0	100%	100%	100%	
Oak Ridge Office	OR	9	7	2	0	0	100%	78%	100%	
Chicago - (SC)	SC-CH	1	1	0	0	0	100%	100%	100%	
Pacific Northwest Site Office (SC)	PNSO	0	0	0	0	0	#DIV/0!	#DIV/0!	#DIV/0!	NSS support provided by SC Integrated Support Center.
Others Totals		33	25	8	0	0	100%	76%	100%	
DOE Total		136	97	23	2	16	88%	71%	87%	

Status of Qualifications in the Safety System Oversight (SSO) Program

March 31, 2011

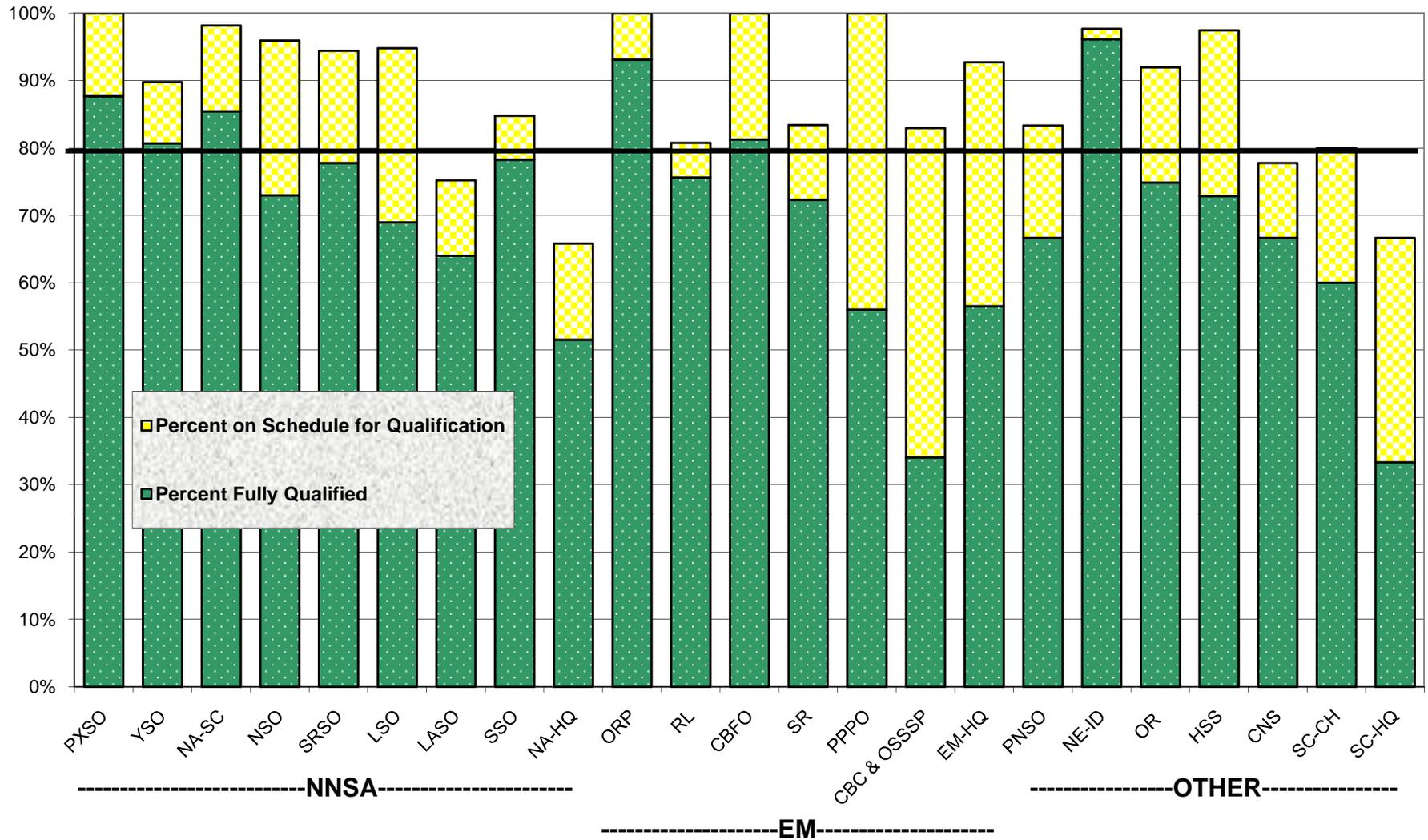
Update Frequency: Quarterly

OVERALL SAFETY SYSTEM OVERSIGHT (SSO) PERSONNEL QUALIFICATIONS

Office		Number of SSO Capabilities Needed (C)	Number of SSOs Staffed by Onboard, Fully Qualified Personnel (D)	Number of SSOs for Which Onboard Staff are Engaged in Initial Qualification, or are Overdue Either for Initial Qualification or Requalification (Includes Column F) (E)	Number of SSOs for Which Onboard Staff are Overdue to Complete Initial Qualification or Requalification (F)	Staffing Shortfall, i.e. Number of STSMs for Which Personnel are Not Onboard =C-(D+E)	Percentage of Capabilities for Which Staff are Onboard =(D+E)/C	Percentage of Capabilities Staffed by Onboard, Fully Qualified Personnel =D/C	Percentage of Required Capabilities That Are Either Fully Qualified or on Schedule for Qualification =(D+E)-F/C	Comments
National Nuclear Security Administration (NNSA)										
Los Alamos Site Office	LASO	5	1	4	0	0	100%	20%	100%	
Livermore Site Office	LSO	3	3	0	0	0	100%	100%	100%	
Nevada Site Office	NNSO	4	3	1	0	0	100%	75%	100%	
Pantex Site Office	PXSO	6	5	1	0	1	100%	83%	100%	
Savannah River Site Office	SRSO	1	1	0	0	0	100%	100%	100%	
Sandia Site Office	SSO	1	0	1	0	0	100%	0%	100%	
Y-12 Site Office	YSO	5	4	1	1	0	100%	80%	80%	Qualification in progress.
NNSA Totals		25	17	8	1	0	100%	68%	96%	
Environmental Management (EM)										
Carlsbad Field Office	CBFO	6	6	0	0	0	100%	100%	100%	
Office of River Protection	ORP	7	6	1	0	0	100%	86%	100%	
Portsmouth/Paducah Project Office	PPPO	2	2	0	0	0	100%	100%	100%	SSO hired at the Portsmouth Site. SSO is in initial qualification process.
Richland Operations Office	RL	6	4	0	0	2	67%	67%	67%	
Savannah River Ops. Office	SR	22	15	6	0	1	95%	68%	95%	Staffing action on-going to hire one SSO. Anticipate completion within 60 days.
EM Totals		43	33	7	0	3	93%	77%	93%	
Others										
Chief of Nuclear Safety	CNS	7	5	2	2	0	100%	71%	71%	All CNS staff with the exception of the CNS and NSS detailee are required to qualify HQ SSO.
Idaho Operations Office	NE-ID	6	5	1	0	0	100%	83%	100%	
Oak Ridge Office	OR	6	4	2	0	0	100%	67%	100%	
Chicago - (SC)	SC-CH	2	1	1	0	0	100%	50%	100%	
Pacific Northwest Site Office (SC)	PNSO	1	1	0	0	0	100%	100%	100%	Additional SSO support provided by the SC Integrated Support Center for 3 systems.
Others Totals		22	16	6	2	0	100%	73%	91%	
DOE Total		90	66	21	3	3	97%	73%	93%	
Notes:										

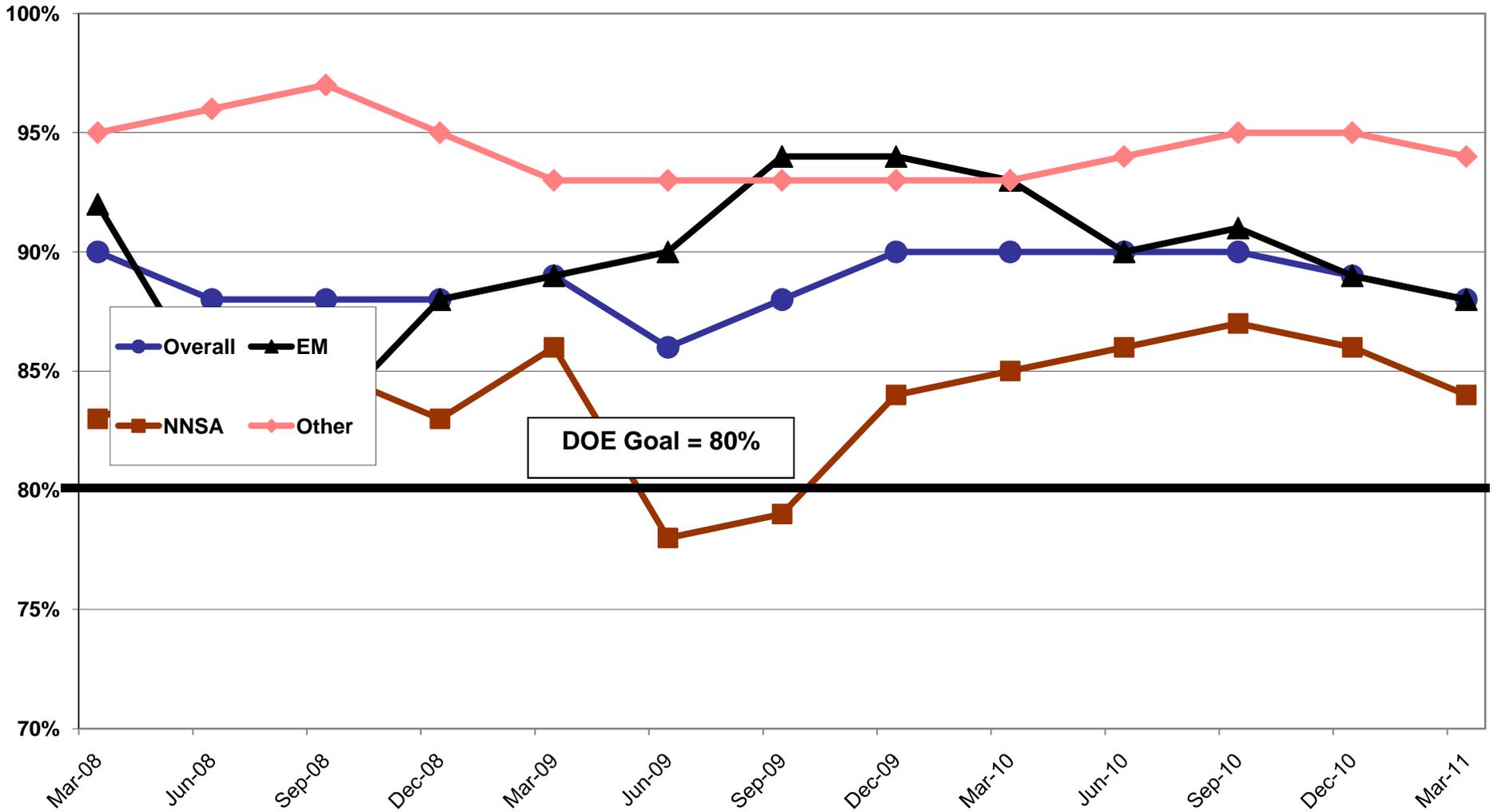
TQP - Qualified & on Schedule for Qualification by Office - December 2010

(Does Not Include 44 Persons Who Are Overdue to Complete Qualification/Requalification)



Overall TQP Qualification Trend

Percentage of Capabilities for Which Personnel are Qualified or On Schedule to Qualify



Staffing Shortfall (Capabilities for Which Personnel Are Not Onboard)

