

United States Government

Department of Energy  
Office of River Protection

# memorandum

DATE: January 4, 2007  
REPLY TO  
ATTN OF: 07-ORP-001 Chairman, Federal Technical Capability Panel  
SUBJECT: QUARTERLY REPORT ON FEDERAL TECHNICAL CAPABILITY

TO: Distribution – See page 2

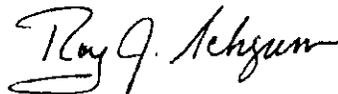
This Quarterly Report on the Federal Technical Capability Program (FTCP) contains information on the status of qualifications in the Technical Qualification Program (TQP) and technical skill gaps as of September 30, 2006.

Attachment 1 provides the Status of Qualifications in the TQP. The U.S. Department of Energy (DOE) goal is to exceed an 80% fully qualified rate for all personnel in the TQP. Currently, the DOE qualification rate is 84%, the same as last quarter. Of the 21 offices, 15 meet the 80% qualified goal.

Attachment 2 provides the status of qualifications for Safety System Oversight (SSO) personnel. These personnel are responsible for oversight of safety systems in nuclear facilities. As of September 30, 2006, sites have 87 SSO personnel onboard, of which 49 are qualified for a 56% qualification rate, which are both slight increases since last quarter.

Attachment 3 provides charts of the status of qualification showing program trends.

If you have any questions or comments, please contact me, or your staff may contact Robert J. McMorland, (202) 586-0057.



Roy J. Schepens, Chairman  
Federal Technical Capability Panel

Attachments (3):

cc w/attachs:  
FTCP Agents  
R. J. McMorland, DR-1  
S. J. Coleman, INNOV

**Distribution:**

Deputy Secretary  
Administrator, National Nuclear Security Administration (NA-1)  
Under Secretary (US)  
Under Secretary for Science (S-4)  
Assistant Secretary for Environmental Management (EM)  
Chief Operating Officer, Office of Environmental Management (EM-3)  
Deputy Administrator for Defense Programs, NNSA (NA-10)  
Director, Office of Nuclear Energy, Science and Technology (NE)  
Director, Office of Human Capital Management (HR)  
Director, Office of Management (MA)  
Chief Health, Safety and Security (HS)  
Departmental Representative to the Defense Nuclear Facilities Safety Board (HS-1.1)

Manager, Carlsbad Field Office (CBFO)  
Manager, Environmental Management Consolidated Business Center (EM-CBC)  
Manager, Idaho Operations Office (NE-ID)  
Manager, Livermore Site Office (LSO)  
Manager, Los Alamos Site Office (LASO)  
Manager, Nevada Site Office (NSO)  
Manager, NNSA Service Center (NA-SC)  
Manager, Oak Ridge Operations Office (ORO)  
Manager, Office of River Protection (ORP)  
Manager, Pantex Site Office (PXSO)  
Manager, Portsmouth/Paducah Project Office (PPPO)  
Manager, Richland Operations Office (RL)  
Manager, Sandia Site Office (SSO)  
Manager, Savannah River Operations Office (SR)  
Manager, Savannah River Site Office (SRSO)  
Manager, Y-12 Site Office (YSO)  
Director, Site Support and Small Projects Office (EM-3.2)

**Status of Qualifications in the Technical Qualification Program (TQP)**  
 September 30, 2006  
 Update Frequency: Quarterly

OVERALL TQP QUALIFICATIONS (See Note 1)						
Office		Number of People in the TQP	Number Fully Qualified	Number Overdue	Percent Fully Qualified	80%? Comments
<b>National Nuclear Security Administration (NNSA)</b>						
Los Alamos Site Office	LASO	58	32	2	55%	Due to reorganization attributed to LASO Pilot Oversight Program, new gap of 10 STSM's, 9 FR's and 9 NSS are being qualified.
Livermore Site Office	LSO	40	26	1	65%	Projects 80% by December 2007 (Projection for 80% extended to March 2007 due to staff attrition projected new hires)
Nevada Site Office	NSO	48	39	0	81%	●
Pantex Site Office	PXSO	38	24	1	63%	● 3 STSM, 4 FR's and 3 NSS quals. underway.
Savannah River Site Office	SRSO	14	10	0	71%	● Savannah River Site Office projection for 80% is January 2007 due to staff attrition, new hires, and reassignments. Three individuals are currently in requal and should be complete no later than December 2006. 2 STSM's will complete qualification in Jan. 2007.
Sandia Site Office	SSO	29	24		83%	● TQP number reduced by one due to retirement.
Y-12 Site Office	YSO	49	44	0	90%	● YSO TQP number reduced by one due to retirement, backfill for the position is in progress. 2 new STSM's (Deputy SOM and Sr. Project Director) quals. Underway.
NNSA Headquarters	NA-HQ	66	39	1	59%	● Overdue to be completed in November 2006. 5 NNSA HQ STSM's attended NTC STSM Course in November 2006.
NNSA Service Center	NA-SC	46	37	0	80%	● Project 100% by FY07. In October 2006, 8 NESD/NESS will move to NA HQ/NA-121.
<b>NNSA Totals</b>		<b>388</b>	<b>275</b>	<b>5</b>	<b>71%</b>	● NNSA has been increasing focus and attendance at the 2006 NTC STSM courses (and is providing STSM instructors), especially for NNSA HQ STSM's at the November 2006 (ABQ, 5 NA HQ attendees) and February 2007 (DC, up to 15 NA HQ attendees) upcoming courses. Additionally, the NNSA LASO Oversight pilot is resulting in many new STSM, NSS and other FAQs assignments. Recent organizational changes within NNSA (NA-20 and some sites) has impacted TQP Fully Qualified status.
<b>Environmental Management (EM)</b>						
Carlsbad Field Office	CBFO	14	14	0	100%	●
Consolidated Business Center	CBC	24	22	0	92%	● Of the 24 in TQP, 16 are CBC cadre positions permanently located at a CBC supported site.
Office of River Protection	ORP	75	74	0	99%	●
Office of Site Support and Small Projects	Small Projects	13	7	0	54%	● Includes the West Valley Demonstration Project
Portsmouth/Paducah Project Office	PPPO	19	15.5	0	82%	● SSO and general engineer positions are scheduled to complete the requirements by May and July 2007, well ahead of DOE O 360.1 time requirements. The D&D Federal Project Director completed the General Technical Base FAQs and is expected to complete the D&D FAQs by December 2006, resulting in a 50% completion.
Richland Operations Office	RL	94	92	0	98%	●
Savannah River Operations Office	SR	177	154	6	87%	●
EM Headquarters	EM-HQ	11	10	0	91%	●
<b>EM Totals</b>		<b>427</b>	<b>388.5</b>	<b>6</b>	<b>91%</b>	●
<b>Others</b>						
Environment, Safety & Health	EH	62	62	0	100%	● This is the last report for EH
Idaho Operations Office	NE-ID	119	104	0	87%	●
Oak Ridge Operations Office	OR (SC)	170	153	0	90%	●
<b>Others Totals</b>		<b>351</b>	<b>319</b>	<b>0</b>	<b>91%</b>	●
<b>DOE Total</b>		<b>1166</b>	<b>982.5</b>	<b>11</b>	<b>84%</b>	●
<b>DOE Goals</b>		<b>-</b>	<b>-</b>	<b>0</b>	<b>80%</b>	

Notes:

Note 1: SSO qualification status is not being included in the "Overall TQP Qualifications" status

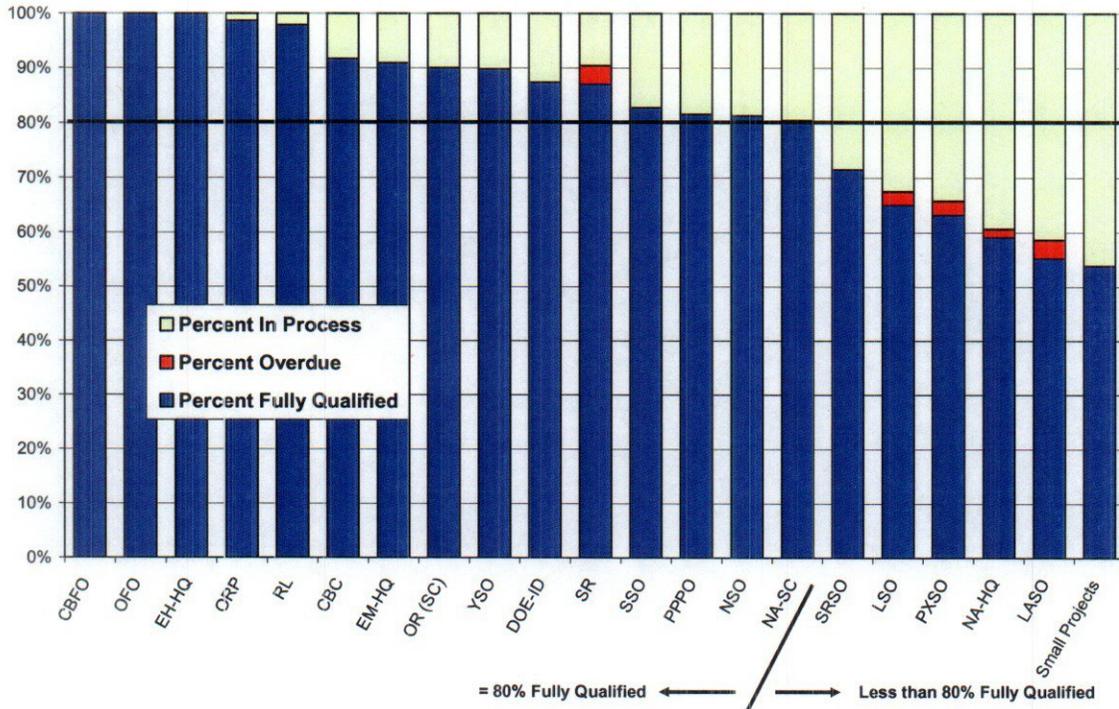
**Status of Qualifications in the Safety System Oversight (SSO) Program**  
September 30, 2006  
Update Frequency: Quarterly

OVERALL SAFETY SYSTEM OVERSIGHT (SSO) PERSONNEL QUALIFICATIONS (See Note 1)							
Office		Number of SSO Personnel Needed	Number SSO Personnel Onboard	Number SSO Fully Qualified	Number SSO Overdue	Percent Fully Qualified	Comments
<b>National Nuclear Security Administration (NNSA)</b>							
Los Alamos Site Office	LASO	6	5	0	0	0%	
Livermore Site Office	LSO	4	3	3	0	100%	
Nevada Site Office	NSO	8	8	0	0	0%	
Pantex Site Office	PXSO	4	4	4	0	100%	
Savannah River Site Office	SRSO	2	1	0	0	0%	Have filled 1 SSO position and employee working on qualification. Other SSO duties being performed part-time by existing personnel.
Sandia Site Office	SSO	2	2	2	0	100%	
Y-12 Site Office	YSO	6	6	5	0	83%	
NNSA Headquarters	NA-HQ	0	0	0	0	0%	
NNSA Service Center	NA-SC	0	0	0	0	0%	
<b>NNSA Totals</b>		<b>32</b>	<b>29</b>	<b>14</b>	<b>0</b>	<b>48%</b>	
<b>Environmental Management (EM)</b>							
Carlsbad Field Office	CBFO	5	5	5	0	100%	
Office of River Protection	ORP	11	12	5	0	42%	
Office of Site Support and Small Projects	Small Projects						
Portsmouth/Paducah Project Office	PPPO	1	1	0	0	0%	PPPO selected a SSO who is on board. Full qualification is expected to be completed by May 2007.
Richland Operations Office	RL	5	5	3	0	60%	
Savannah River Operations Office	SR	22	18	15	0	83%	
EM Headquarters	EM-HQ	0	0	0	0	0%	
<b>EM Totals</b>		<b>44</b>	<b>41</b>	<b>28</b>	<b>0</b>	<b>68%</b>	
<b>Others</b>							
Environment, Safety & Health	EH	0	0	0	0	0%	This is the last report for EH
Idaho Operations Office	NE-ID	13	13	7	0	54%	
Oak Ridge Operations Office	OR (SC)	4	4	0	0	0%	Four ORO personnel will fulfill SSO qualification requirements and will perform the equivalent of 2 FTE in the performance of SSO duties.
<b>Others Totals</b>		<b>17</b>	<b>17</b>	<b>7</b>	<b>0</b>	<b>41%</b>	
<b>DOE Total</b>		<b>93</b>	<b>87</b>	<b>49</b>	<b>0</b>	<b>56%</b>	
<b>DOE Goals</b>							

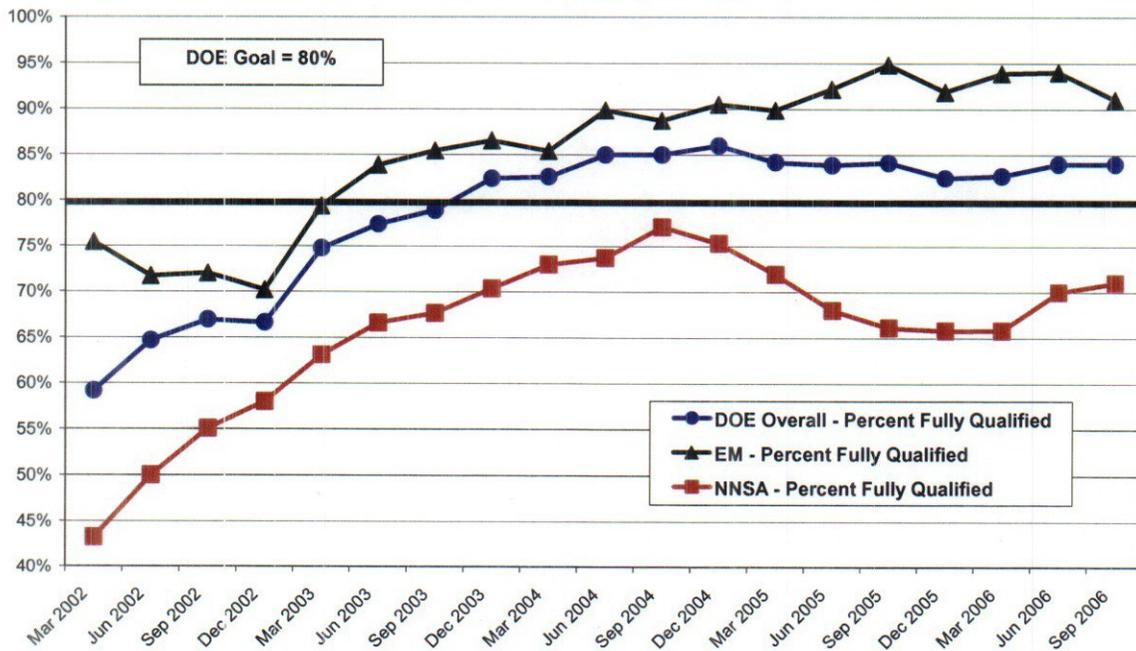
Notes:

Note 1: SSO Qualification Status is not being included in the "Overall TQP Qualifications" status

Percent Qualified by Office - September 2006



DOE Trend on Technical Qualification - September 2006



DOE Trend on Overdue Qualifications - September 2006

