

United States Government

Department of Energy
Office of River Protection

memorandum

DATE: November 10, 2005

REPLY TO
ATTN OF: 05-ORP-054 Chairman, Federal Technical Capability Panel

SUBJECT: QUARTERLY REPORT ON FEDERAL TECHNICAL CAPABILITY

TO: Distribution – See Attached

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 June 30, 2005.

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. Eleven of 18 offices meet the 80% qualified goal. All of the offices that do not meet the goal are within National Nuclear Security Administration (NNSA). A second goal is that there will be no personnel participating in the TQP who are overdue in their qualifications. Both the Office of Environmental Management (EM) and NNSA had fewer overdue personnel at the end of the quarter and the number of offices that had overdue personnel dropped from eight to six last quarter.

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. Qualification requirements were established in May 2004 with the issuance of DOE Manual 426.1-1A, *Federal Technical Capability Manual*. As of June 30, 2005, sites identified 89 SSO personnel, of which 22 are fully qualified, up from 14 last quarter.

Attachment 3 provides charts of the status of qualification and technical skill gaps in the TQP and identifies qualification program trends.

If you have any questions or comments, please contact me, or your staff may contact John D. Evans, (202) 586-3685.



Roy J. Schepens, Chairman
Federal Technical Capability Panel

Attachments (3):

1. Status of Qualifications in the TQP
2. Status of Qualifications for SSO Personnel
3. TQP Status Charts

Distribution
05-ORP-054

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November 10, 2005

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

Distribution:

Deputy Secretary

Administrator, National Nuclear Security Administration (NA-1)

Under Secretary for Energy, Science and Environment (US-ESE)

Assistant Secretary for Environmental Management (EM)

Assistant Secretary for Environment, Safety, and Health (EH)

Deputy Administrator for Defense Programs, NNSA

Director, Office of Science (SC)

Director, Office of Nuclear Energy, Science and Technology (NE)

Director, Office of Management, Budget, and Evaluation (ME)

Departmental Representative to the Defense Nuclear Facilities Safety Board (DR)

Manager, Carlsbad Field Office (CBFO)

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 (OR)

Manager, Office of River Protection (ORP)

Manager, Ohio Field Office (OH)

Manager, Pantex Site Office (PXSO)

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)

Status of Qualifications in the Technical Qualification Program (TQP)

June 30, 2005

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
<u>National Nuclear Security Administration (NNSA)</u>							
Los Alamos Site Office	LASO	57	34	1	60%		Projects 80% by March 2006
Livermore Site Office	LSO	43	29	0	67%		Projects 80% by March 2006
Nevada Site Office	NSO	64	52	0	81%	●	
Pantex Site Office	PXSO	44	31	0	70%		Projects 80% by September 2005
Savannah River Site Office	SRSO	12	12	0	100%	●	
Sandia Site Office	SSO	30	19	0	63%		Projects 80% by December 2005
Y-12 Site Office	YSO	50	39	0	78%		Projects 80% by March 2006
NNSA Headquarters	NA-HQ	76	48	7	63%		Projects 80% by April 2006
NNSA Service Center	NA-SC	46	23	0	50%		Projects 80% by March 2006
NNSA Totals		422	287	8	68%		
<u>Environmental Management (EM)</u>							
Carlsbad Field Office	CBFO	12	11	0	92%	●	
Ohio Field Office	OH	37	37	0	100%	●	
Office of River Protection	ORP	87	82	1	94%	●	
Richland Operations Office	RL	107	101	0	94%	●	
Savannah River Ops. Office	SR	192	170	3	89%	●	
EM Headquarters	EM-HQ	12	11	0	92%	●	
EM Totals		447	412	4	92%	●	
<u>Others</u>							
Idaho Operations Office	NE-ID	105	93	1	89%	●	Overdue qualified by August 2005
Oak Ridge Operations Office	OR (SC)	175	162	3	93%	●	
Environment, Safety & Health	EH-HQ	62	62	0	100%	●	
Others Totals		342	317	4	93%		
DOE Total		1211	1016	16	84%		
DOE Goals		-	-	0	80%		

Notes:

Note 1: Due to the recent establishment of SSO Program qualification requirements (May 2004), SSO qualification status is not being included in the "Overall TQP Qualifications" status

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

June 30, 2005

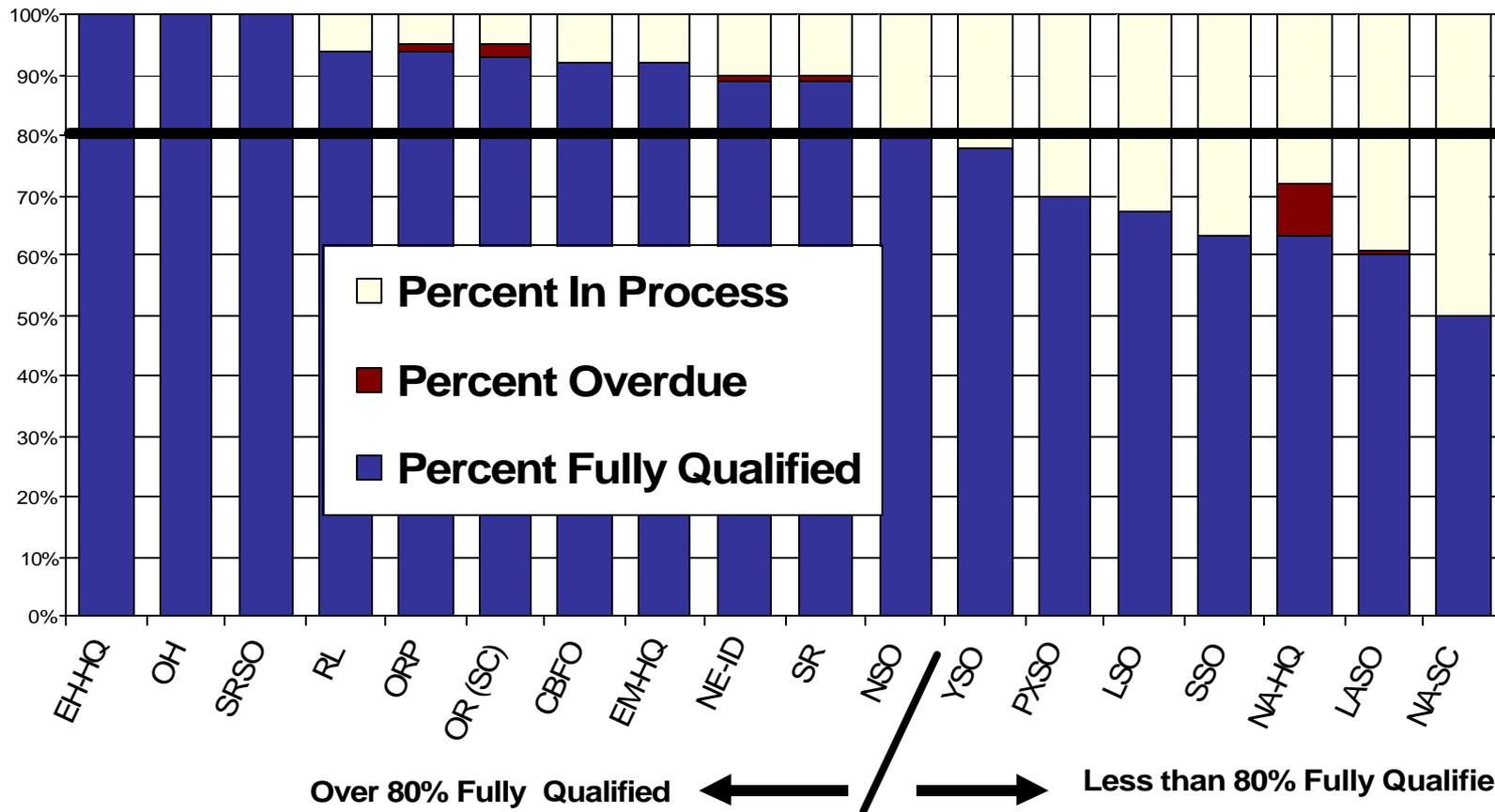
Update Frequency: Quarterly

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	Status of SSO Assessments (Initial and Follow-up)
National Nuclear Security Administration (NNSA)							
Los Alamos Site Office	LASO	6	2	0	0	0%	Initial assessment conducted
Livermore Site Office	LSO	7	7	0	0	0%	Initial assessment conducted
Nevada Site Office	NSO	7	7	0	0	0%	Additional analysis being conducted to review passive safety systems
Pantex Site Office	PXSO	4	4	3	0	75%	Initial assessment conducted
Savannah River Site Office	SRSO	2	1	0	0	0%	Initial assessment conducted
Sandia Site Office	SSO	2	2	0	0	0%	Initial assessment conducted
Y-12 Site Office	YSO	6	6	0	0	0%	Initial assessment conducted
NNSA Headquarters	NA-HQ	0	0	0	0	0%	N/A
NNSA Service Center	NA-SC	0	0	0	0	0%	N/A
NNSA Totals		34	29	3	0	10%	
Environmental Management (EM)							
Carlsbad Field Office	CBFO	5	5	5	0	100%	Initial assessment conducted
Ohio Field Office	OH	0	0	0	0	0%	Initial assessment conducted
Office of River Protection	ORP	10	10	1	0	10%	Initial assessment conducted
Richland Operations Office	RL	6	6	3	0	50%	Initial assessment conducted
Savannah River Ops. Office	SR	21	21	6	0	29%	Initial assessment conducted
EM Headquarters	EM-HQ	0	0	0	0	0%	N/A
EM Totals		42	42	15	0	36%	
Others							
Idaho Operations Office	NE-ID	7	4	4	0	100%	Initial assessment conducted
Oak Ridge Operations Office	OR (SC)	6	5	0	0	0%	Initial assessment conducted
Environment, Safety & Health	EH-HQ	0	0	0	0	0%	N/A
Others Totals		13	9	4	0	44%	
DOE Total		89	80	22	0	28%	
DOE Goals							

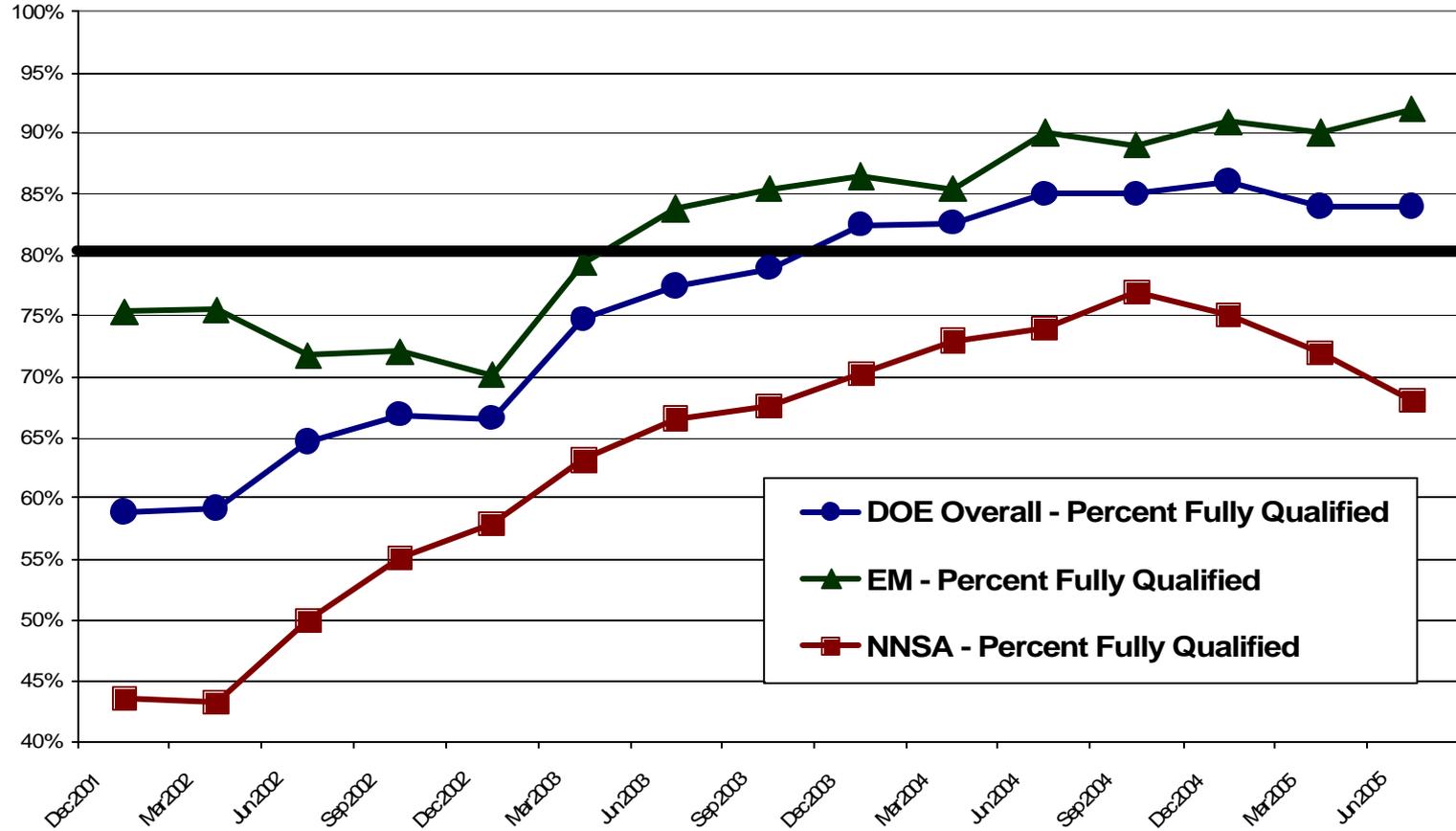
Notes:

Note 1: Due to the recent establishment of SSO program qualification requirements (May 2004), SSO Qualification Status is not being included in the "Overall TQP Qualifications" status

Percent Qualified by Office - June 2005



DOE Trend on Technical Qualification - June 2005



DOE Trend on Overdue Qualifications - June 2005

