



**Department of Energy**  
Washington, DC 20585

April 24, 2007

MEMORANDUM FOR DISTRIBUTION

FROM: CHARLES B. LEWIS, III  
ACTING DIRECTOR  
OFFICE OF CORPORATE SAFETY ANALYSIS  
OFFICE OF HEALTH, SAFETY AND SECURITY

SUBJECT: Department of Energy Corrective Action Management  
Program Second Quarter Fiscal Year 2007

Attached is the Department of Energy (DOE) report on the status of the Corrective Action Management Program (CAMP) for the second quarter of fiscal year (FY) 2007. The report summarizes Corrective Action Plans (CAP) and their associated corrective actions developed and tracked by line managers to effectively address and resolve Office of Independent Oversight environment, safety, and health and emergency management assessment findings; Type A Accident Investigation Judgments of Need; Office of Aviation Management audit findings and other special assessment findings directed by the Secretary or Deputy Secretary to be addressed in the CAMP. The report also summarizes line management follow-up corrective action effectiveness reviews of the completed CAPs to assure the findings have been effectively resolved and will not recur. The CAMP status is documented and tracked in the Department's Corrective Action Tracking System (CATS). The Office of Health, Safety and Security is prepared to improve the linkage between identifying the corrective actions, bringing them to closure, and reviewing the effectiveness. Specific examples of recurring events where corrective actions were implemented are highlighted in the Quarterly Executive Safety Briefing. The ultimate goal is effective corrective actions that prevent recurring issues.

During the second quarter of FY 2007, three new assessment reports were added to the CAMP. Two approved CAPs were completed this quarter and 16 approved CAPs are on schedule for completion. A total of 212 corrective actions were completed this quarter and 27 corrective actions are past their planned completion dates. Four corrective action effectiveness reviews were approved this quarter and three are overdue for approval by the cognizant Field Element Manager. Seven corrective action effectiveness reviews are on schedule for completion.



Please review our CAMP Web Site at <http://www.hss.energy.gov/camp> which outlines the program background, applicable DOE directives and references Corrective Action Management (CAM) Team charter, CATS database and User's Guide, and previous quarterly reports on the status of the CAMP.

If you have any questions or comments pertaining to this report, or recommended changes to the report format, please contact me at (301) 903-8008, or your staff may contact Larry McCabe at (301) 903-6732. Recommended changes may also be communicated to your CAM Team representative.

Attachment: Correction Action Management Program Second Quarter Report  
Fiscal Year 2007

cc: Clay Sell, DS  
Dennis Spurgeon, US  
Raymond Orbach, US  
Thomas D'Agostino, NA-1

Department of Energy  
Corrective Action Management Program  
Quarterly Report, Second Quarter FY 2007

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*Corrective Action Management Program*  
*Second Quarter Report-Fiscal Year 2007*

**April 2007**

**Department of Energy**  
**Office of Corporate Safety Analysis**

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# Department of Energy Corrective Action Management Program

## Second Quarter Report, Fiscal Year 2007

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### Summary

This report provides the second quarter, fiscal year 2007 summary status of the Department of Energy Corrective Action Management Program (CAMP). The report includes the status of corrective action plans (CAPs) and their associated corrective actions as of March 31, 2007. The report depicts the Department's CAMP program status, followed by the status for the Under Secretaries and the assigned Secretarial Officer (SO).

Progress has been noted with respect to Office of Environmental Management (EM) facilities in that no corrective actions were overdue during the past two quarters, an improvement from 4QFY2006 when seven late corrective actions were reported. Also, there were no overdue effectiveness reviews during the quarter and EM completed two effectiveness reviews at the Hanford and Savannah River sites.

The National Nuclear Security Administration (NNSA) had 27 late corrective actions and three overdue effectiveness reviews for the quarter, representing a significant decrease from the previous quarter when 73 late corrective actions and four overdue effectiveness reviews were reported. NNSA also completed 92 corrective actions and one effectiveness review during the quarter.

The Office of Science and the Office of Nuclear Energy had no late corrective actions or overdue effectiveness reviews during the quarter.

Corrective Action Management Program requirements delineated in DOE Order 414.1C, *Quality Assurance*, direct Department line managers to address, track, report, complete and determine the effectiveness of corrective actions to resolve and prevent recurrence of:

- (1) Environment, safety, and health and emergency management findings identified by the Office of Independent Oversight
- (2) Judgments of Need identified during Type A Accident Investigations

- (3) Safety management findings of DOE aviation facilities identified by the Office of Aviation Management, Office of Management, Budget and Evaluation
- (4) Findings identified during the conduct of special assessment initiatives directed by the Secretary or Deputy Secretary to be tracked and reported in accordance with the provisions of the DOE CAMP.

For the purpose of this report, the term findings will also apply to accident investigation judgments of need. A finding is defined as a significant deficiency identified during the conduct of an oversight assessment that may adversely affect the DOE mission; environment, safety, or health of workers or the public; or national security. These findings are validated and clearly addressed in a formal assessment report provided to line management.

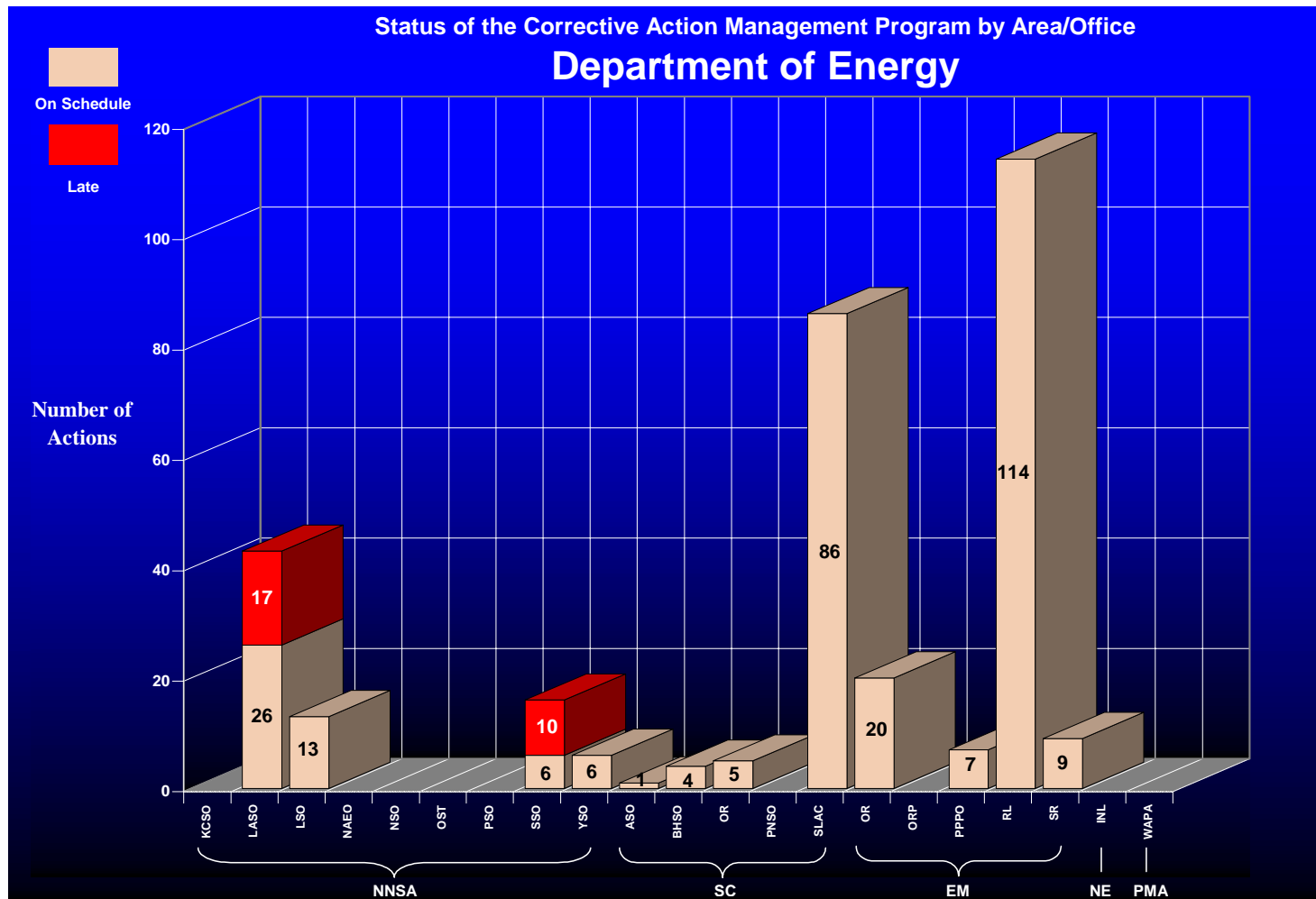
Department line managers must develop and implement a CAP that describes all actions required to effectively resolve each reported finding. The final CAP is approved by the SO, or delegated designee, within 60 days from issuance of the formal assessment report. Line managers must also complete all corrective actions within the planned dates as outlined in the approved CAP and report the status of these actions in the Department's Corrective Action Tracking System database. The planned CAP completion date is the date that all corrective actions listed in the CAP are to be completed.

Within 6 months after completion of all corrective actions in the CAP, the responsible Field Element Manager must complete and approve a corrective action effectiveness review to verify closure of corrective actions, and determine their effectiveness in preventing recurrence.

This report is available on the Internet by accessing the CAMP Website at <http://www.hss.energy.gov/CSA/csp/camp/index.html>.

## Department of Energy Summary

New Assessment Reports this Quarter	3
<b>Corrective Action Plans (CAPs) Pending Approval</b>	
CAPs pending approval - Approval > 60 days OVERDUE	0
CAPs pending approval - Approval <= 60 days OVERDUE	0
CAPs pending approval - Approval on schedule	2
<b>Total CAPs pending approval</b>	<b>2</b>
<b>Approved Corrective Action Plans (CAPs)</b>	
Approved CAPs - with actions open > 90 days OVERDUE (past planned completion date)	1
Approved CAPs - with actions open <= 90 days OVERDUE (past planned completion date)	0
Approved CAPs - on schedule	16
<b>Total approved CAPs still open</b>	<b>17</b>
Approved CAPs - Completed this Quarter	2
<b>Approved Corrective Action Effectiveness Reviews</b>	
Corrective Action Effectiveness Reviews - Approval OVERDUE	3
Corrective Action Effectiveness Reviews - on schedule	7
Corrective Action Effectiveness Reviews approved this Quarter	4



Secretarial Office:	NNSA									SC				EM					NE	PMA	TOTALS	
	KCSO	LASO	LSO	NAEO	NSO	OST	PSO	SSO	YSO	ASO	BHSO	OR	PNSO	SLAC	OR	ORP	PPPO	RL	SR	INL		WAPA
<b>Total Reports</b>	2	5	3	1	4	2	3	4	3	1	1	4	1	2	2	1	1	4	5	3	1	53
<b>Total Findings</b>	25	69	37	3	16	32	36	64	29	24	6	44	8	26	51	18	6	33	53	32	5	617
<b>Completed Corrective Actions</b>	95	256	151	5	34	56	128	406	170	262	41	213	24	37	187	137	13	123	271	278	5	2892
<b>Corrective Actions On Schedule</b>	0	26	13	0	0	0	0	6	6	1	4	5	0	86	20	0	7	114	9	0	0	297
<b>Late Corrective Actions</b>	0	17	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	27
<b>Total Corrective Actions</b>	95	299	164	5	34	56	128	422	176	263	45	218	24	123	207	137	20	237	280	278	5	3216

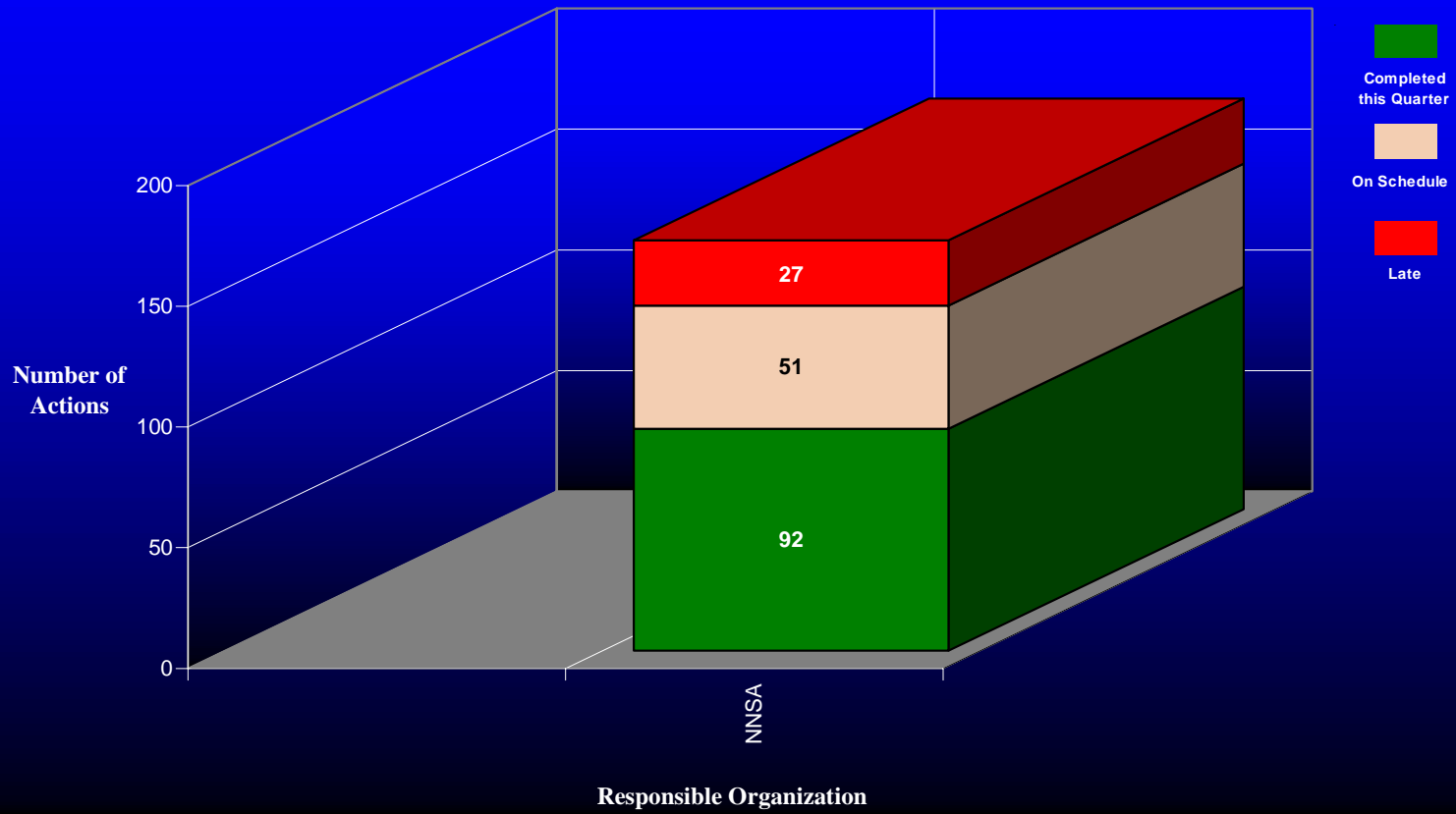


**Administrator,  
National Nuclear Security Administration**

## Administrator, National Nuclear Security Administration Summary

New Assessment Reports this Quarter	2
<b>Corrective Action Plans (CAPs) Pending Approval</b>	
CAPs pending approval - Approval > 60 days OVERDUE	0
CAPs pending approval - Approval <= 60 days OVERDUE	0
CAPs pending approval - Approval on schedule	2
<b>Total CAPs pending approval</b>	<b>2</b>
<b>Approved Corrective Action Plans (CAPs)</b>	
Approved CAPs - with actions open > 90 days OVERDUE (past planned completion date)	1
Approved CAPs - with actions open <= 90 days OVERDUE (past planned completion date)	0
Approved CAPs - on schedule	6
<b>Total approved CAPs still open</b>	<b>7</b>
Approved CAPs - Completed this Quarter	2
<b>Approved Corrective Action Effectiveness Reviews</b>	
Corrective Action Effectiveness Reviews - Approval OVERDUE	3
Corrective Action Effectiveness Reviews - on schedule	4
Corrective Action Effectiveness Reviews approved this Quarter	1

## Status of Corrective Actions for the Administrator, National Nuclear Security Administration



	NNSA
Completed 2 <sup>nd</sup> Qtr, FY07	92
Total Completed	1301
On Schedule	51
Late	27
Grand Totals	1379

# Deputy Administrator for Defense Programs

## Late Corrective Actions

### Los Alamos National Laboratory

Report Number: LASO-01/03/2006-0001-R-ES&H

Report Title: Final Report of the Office of Independent Oversight Inspection of Los Alamos Site Office Oversight of Environment, Safety and Health Programs at Los Alamos National Laboratory, November 2005

Number of Late Corrective Actions: 1

Report Number: LANL-01/03/2006-0002-R-ES&H

Report Title: Office of Independent Oversight Inspection of Los Alamos Site Office Oversight of Environment, Safety and Health Programs at Los Alamos National Laboratory, November 2005

Number of Late Corrective Actions: 16

### Sandia National Laboratories

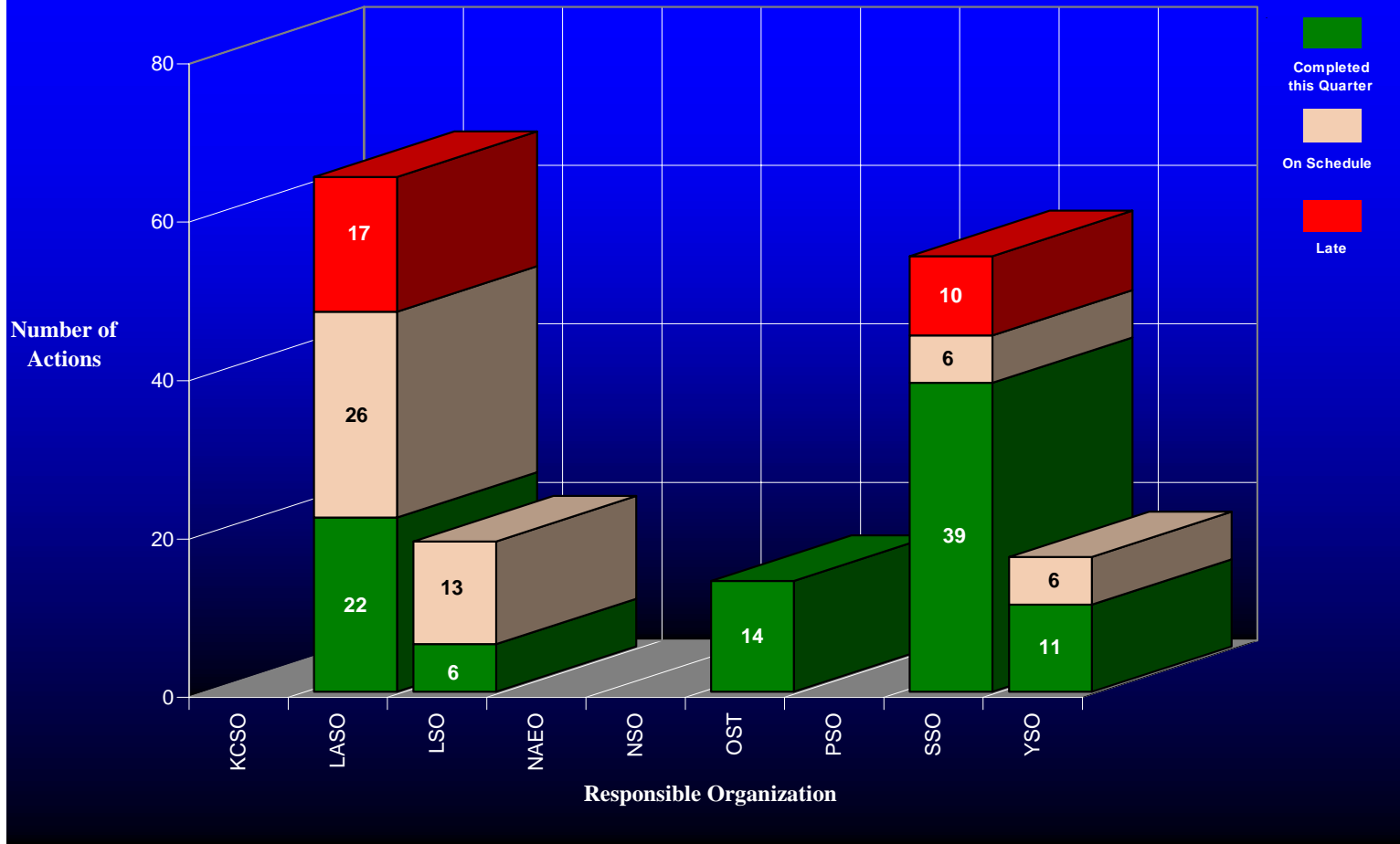
Report Number: SNLAL-08/02/2006-0001-R-XM

Report Title: Final Report of the Office of Independent Oversight Inspection of Emergency Management at the Sandia National Laboratories, July 2006

Final Report Date: 08/02/2006

Number of Late Corrective Actions: 10

## Status of Corrective Actions Deputy Administrator for Defense Programs



	KCSO	LASO	LSO	NAEO	NSO	OST	PSO	SSO	YSO	TOTALS
<b>Completed 2<sup>nd</sup> Qtr, FY07</b>	0	22	6	0	0	14	0	39	11	92
<b>Total Completed</b>	95	256	151	5	34	56	128	406	170	1301
<b>On Schedule</b>	0	26	13	0	0	0	0	6	6	51
<b>Late</b>	0	17	0	0	0	0	0	10	0	27
<b>Grand Totals</b>	95	299	164	5	34	56	128	422	176	1379

# Status of Corrective Action Plans and Effectiveness Reviews

## Deputy Administrator for Defense Programs

**1. New Assessment Reports this Quarter**  
**Two**

**2. Corrective Action Plans Pending Approval - OVERDUE**  
**None**

**3. Approved Corrective Actions Plans - Completion OVERDUE**

Report Number	LASO-01/03/2006-0001-R-ES&H
Report Title	Final Report of the Office of Independent Oversight Inspection of Los Alamos Site Office Oversight of Environment, Safety and Health Programs at Los Alamos National Laboratory, November 2005
Office/Facility Reviewed	Los Alamos Site Office
CAP Completion Due Date	11/30/2006

**4. Approved Corrective Action Plans - Completed this Quarter (all corrective actions in CAP completed this quarter)**

Report Number	OST-08/25/2005-0001-R-ASM
Report Title	Final Report of the Office of Aviation Management Aviation Program Audit of the Office of Secure Transportation, Aviation Operations Branch, June 2005
Final Report Date	08/25/2005
Office/Facility Reviewed	Office of Secure Transportation
CAP Completion Date	01/18/2007

Report Number	SNLAL-05/27/2005-0001-R-XM
Report Title	Independent Oversight Inspection of Emergency Management at the

Sandia Site Office and Sandia National Laboratories-New Mexico

Final Report Date 05/27/2005

Office/Facility Reviewed Sandia National Laboratories-New Mexico

CAP Completion Date 02/20/2007

**5. Number of Approved Corrective Action Plans – Completion on schedule**  
**Six**

**6. Corrective Action Effectiveness Reviews - Approved this Quarter**  
**One**

**7. Corrective Action Effectiveness Reviews – Approval on Schedule**  
**Four**

**8. Corrective Action Effectiveness Reviews – Approval Overdue**

Report Number	SNLAL-04/07/2003-0001-R-ES&H-XM
Report Title	Inspection of Environment, Safety, and Health Management and Emergency Management at the Sandia National Laboratories - New Mexico

Final Report Date 04/07/2003

Office/Facility Reviewed Sandia National Laboratory - Albuquerque

CAP Completion Date 08/23/2005

**Effectiveness Review**  
**Due Date**

**2/19/2006**

Report Number	NTS-12/20/2005-0001-R-ASM
Report Title	Final Report of the Office of Aviation Management Aviation Program Audit of

Final Report of the Office of Aviation Management Aviation Program Audit of

Final Report Date  
Office/Facility Reviewed  
CAP Completion Date  
**Effectiveness Review**  
**Due Date**

the Nevada Site Office Aerial Measure-  
ment System, November 2005  
12/20/2005  
Nevada Test Site  
09/13/2006  
**03/12/2007**

Report Number  
Report Title

PP-03/17/2005-0001-R-ES&H  
Final Report of the Office of Indepen-  
dent Oversight and Performance  
Assurance Inspection of Environment,  
Safety and Health Programs at the  
Pantex Plant, February 2005

Final Report Date  
Office/Facility Reviewed  
CAP Completion Date  
**Effectiveness Review**  
**Due Date**

03/17/2005  
Pantex Plant  
09/25/2006  
**03/24/2007**

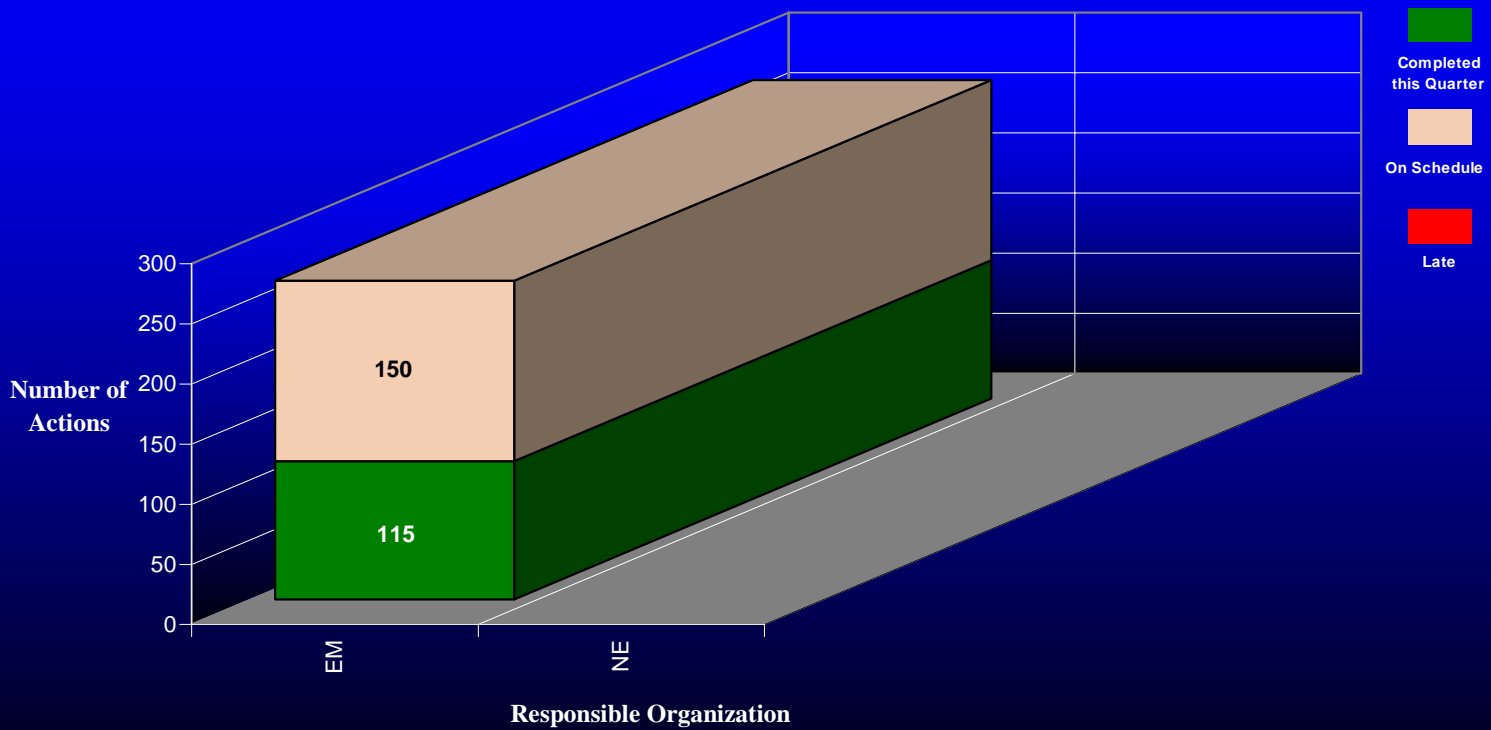
# **Under Secretary of Energy**



## Under Secretary of Energy Summary

New Assessment Reports this Quarter	<b>0</b>
<b>Corrective Action Plans (CAPs) Pending Approval</b>	
CAPs pending approval - Approval > 60 days OVERDUE	0
CAPs pending approval - Approval <= 60 days OVERDUE	0
CAPs pending approval - Approval on schedule	0
<b>Total CAPs pending approval</b>	
<b>0</b>	
<b>Approved Corrective Action Plans (CAPs)</b>	
Approved CAPs - with actions open > 90 days OVERDUE (past planned completion date)	0
Approved CAPs - with actions open <= 90 days OVERDUE (past planned completion date)	0
Approved CAPs - on schedule	6
<b>Total approved CAPs still open</b>	
<b>6</b>	
Approved CAPs - Completed this Quarter	0
<b>Approved Corrective Action Effectiveness Reviews</b>	
Corrective Action Effectiveness Reviews - Approval OVERDUE	0
Corrective Action Effectiveness Reviews - on schedule	2
Corrective Action Effectiveness Reviews approved this Quarter	3

## Status of Corrective Actions for the Under Secretary of Energy

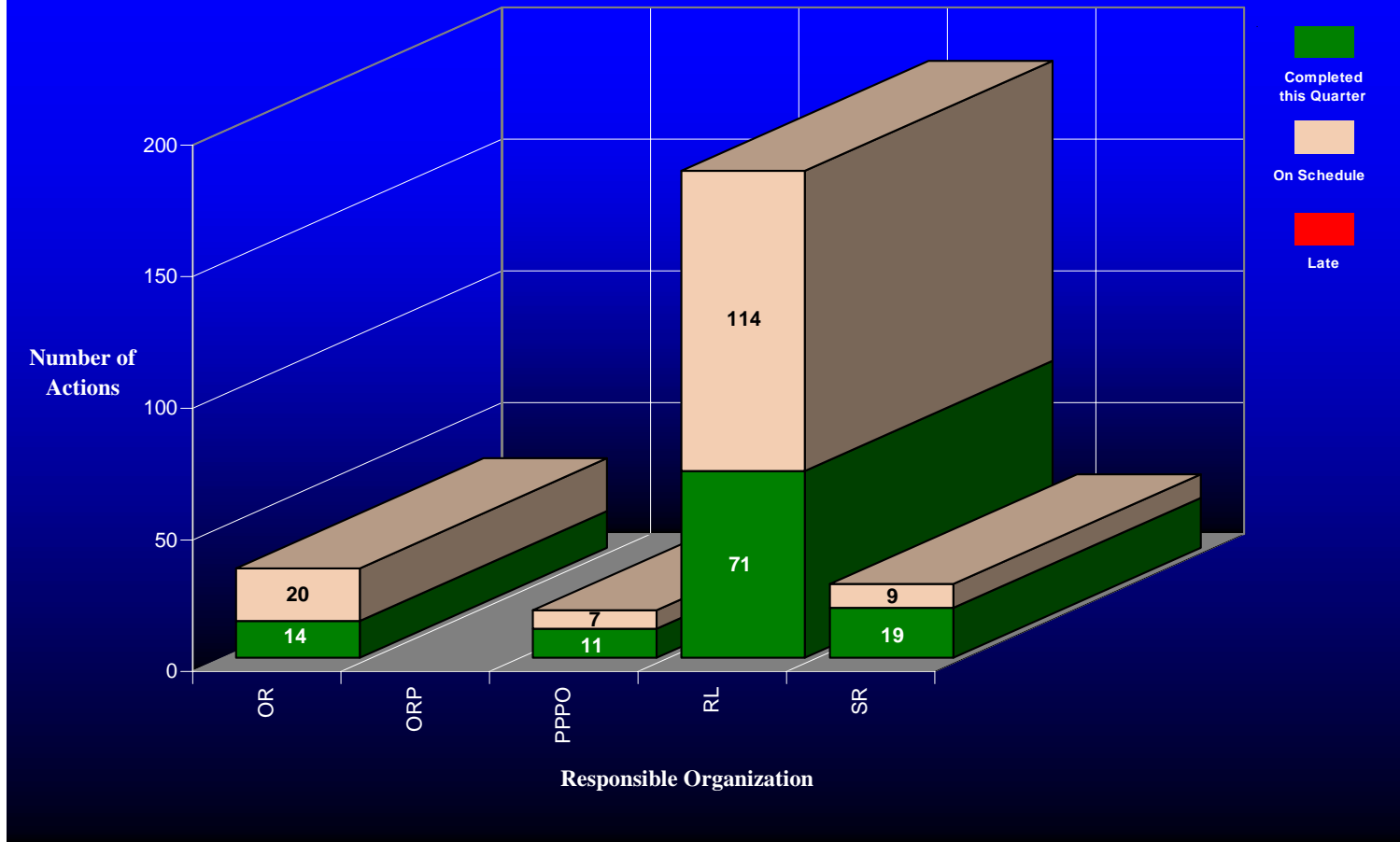


	EM	NE	TOTALS
<b>Completed 2<sup>nd</sup> Qtr, FY07</b>	115	0	115
<b>Total Completed</b>	731	278	1009
<b>On Schedule</b>	150	0	150
<b>Late</b>	0	0	0
<b>Grand Totals</b>	881	278	1159

## Assistant Secretary for Environmental Management Late Corrective Actions

None

## Status of Corrective Actions Assistant Secretary for Environmental Management



EM						
	OR	ORP	PPPO	RL	SR	TOTALS
<b>Completed 2<sup>nd</sup> Qtr, FY07</b>	14	0	11	71	19	115
<b>Total Completed</b>	187	137	13	123	271	731
<b>On Schedule</b>	20	0	7	114	9	150
<b>Late</b>	0	0	0	0	0	0
<b>Grand Totals</b>	207	137	20	237	280	881

## Status of Corrective Action Plans and Effectiveness Reviews

### Assistant Secretary for Environmental Management

1. **New Assessment Reports this Quarter**  
None
2. **Corrective Action Plans Pending Approval - OVERDUE**  
None
3. **Approved Corrective Actions Plans - Completion OVERDUE**  
None
4. **Approved Corrective Action Plans - Completed this Quarter (all corrective actions in CAP completed this quarter)**  
None
5. **Number of Approved Corrective Action Plans – Completion on schedule**  
Six
6. **Corrective Action Effectiveness Reviews - Approved this Quarter**

Report Number	HS-06/30/2004-0003-R-ES&H
Report Title	Investigation of Worker Vapor Exposure and Occupational Medicine Program Allegations at the Hanford Site
Final Report Date	06/30/2004
Office/Facility Reviewed	Hanford Site
CAP Completion Date	04/13/2006
Effectiveness Review	
Due Date	01/05/2007

Report Number	SRS-05/17/2006-0003-R-ASM
Report Title	Final Report of the Office of Aviation Management Aviation Program Audit of the Savannah River Site and Wackenhut Services, Incorporated, March, 2006
Final Report Date	05/17/2006
Office/Facility Reviewed	Savannah River Site
CAP Completion Date	09/30/2006
Effectiveness Review	
Due Date	3/29/2007

#### 7. **Corrective Action Effectiveness Reviews – Approval on Schedule**

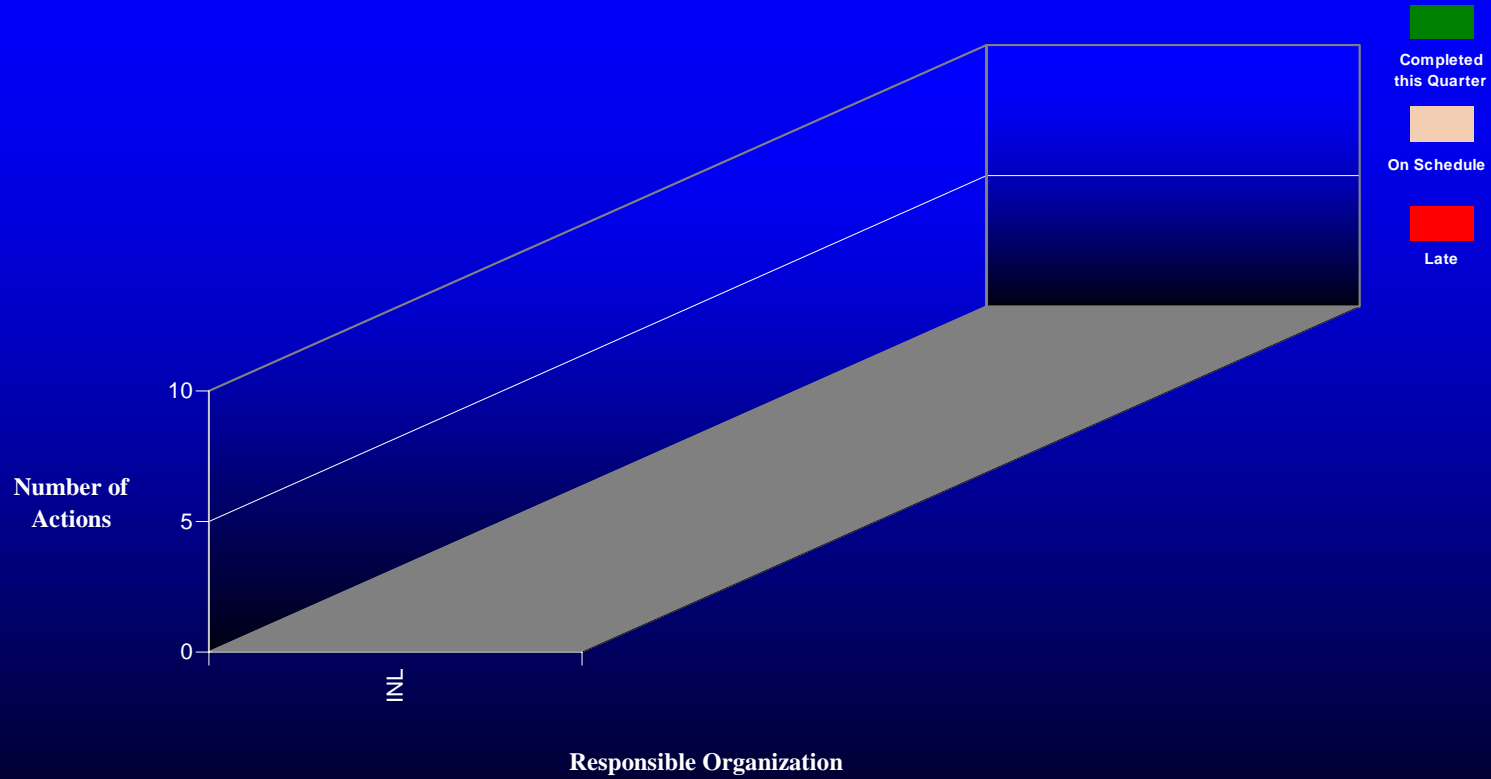
Report Number	SRS-04/07/2004-0001-R-ES&H-XM
Report Title	Final Report of the Office of Independent Oversight and Performance Assurance Inspection of Environment, Safety, and Health Management and Emergency Management at the Savannah River Site, February 2004
Final Report Date	04/07/2004
Office/Facility Reviewed	Savannah River Site
CAP Completion Date	12/30/2006
Effectiveness Review	
Due Date	6/28/2007

#### 8. **Corrective Action Effectiveness Reviews - Approval OVERDUE** None

## Assistant Secretary for Nuclear Energy Late Corrective Actions

None

## Status of Corrective Actions Assistant Secretary for Nuclear Energy



	INL
Completed 2 <sup>nd</sup> Qtr, FY07	0
Total Completed	278
On Schedule	0
Late	0
Grand Totals	278

# Status of Corrective Action Plans and Effectiveness Reviews

## Assistant Secretary for Nuclear Energy

1. **New Assessment Reports this Quarter**  
None
2. **Corrective Action Plans Pending Approval - OVERDUE**  
None
3. **Approved Corrective Actions Plans - Completion OVERDUE**  
None
4. **Approved Corrective Action Plans - Completed this Quarter (all corrective actions in CAP completed this quarter)**  
None
5. **Number of Approved Corrective Action Plans – Completion on schedule**  
None
6. **Corrective Action Effectiveness Reviews - Approved this Quarter**

Report Number	ANLW-12/21/2004-0001-R-XM
Report Title	Final Report of the Independent Oversight Emergency Management Inspection of the Argonne National Laboratory-West, November 2004

Final Report Date	12/21/2004
Office/Facility Reviewed	Argonne National Laboratory - West
CAP Completion Date	09/20/2006
Effectiveness Review	
Due Date	3/19/2007

7. **Corrective Action Effectiveness Reviews - Approval on Schedule**

Report Number	INEEL-08/19/2005-0001-R-ES&H
Report Title	Final Report of the Office of Independent Oversight and Performance Assurance Inspection of Environment, Safety and Health Programs at the Idaho National Laboratory Advanced Test Reactor, August 2005

Final Report Date	08/19/2005
Office/Facility Reviewed	Idaho National Engineering & Environmental Laboratory
CAP Completion Date	10/23/2006
Effectiveness Review	
Due Date	4/21/2007

8. **Corrective Action Effectiveness Reviews – Approval Overdue**  
None

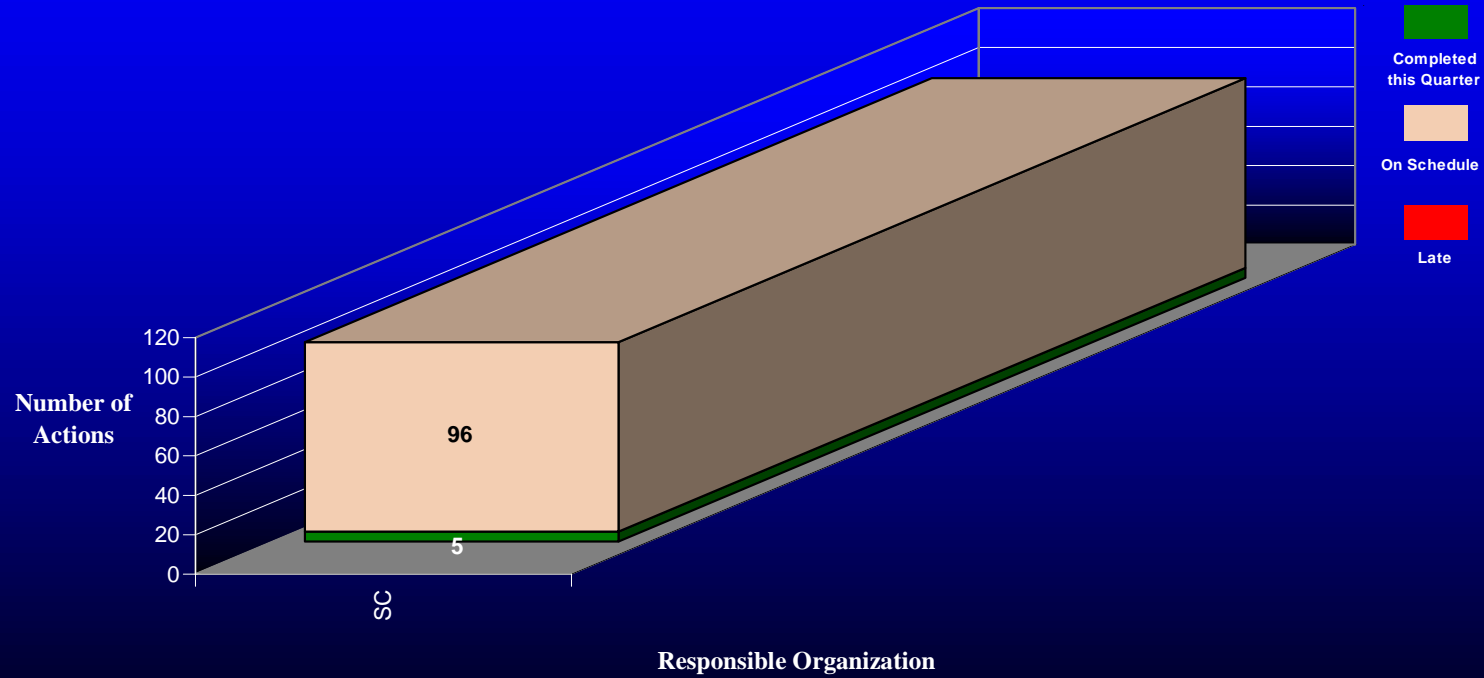


# **Under Secretary for Science**

## Under Secretary for Science Summary

New Assessment Reports this Quarter	<b>1</b>
<b>Corrective Action Plans (CAPs) Pending Approval</b>	
CAPs pending approval - Approval > 60 days OVERDUE	0
CAPs pending approval - Approval <= 60 days OVERDUE	0
CAPs pending approval - Approval on schedule	0
<b>Total CAPs pending approval</b>	<b>0</b>
<b>Approved Corrective Action Plans (CAPs)</b>	
Approved CAPs - with actions open > 90 days OVERDUE (past planned completion date)	0
Approved CAPs - with actions open <= 90 days OVERDUE (past planned completion date)	0
Approved CAPs - on schedule	4
<b>Total approved CAPs still open</b>	<b>4</b>
Approved CAPs - Completed this Quarter	0
<b>Approved Corrective Action Effectiveness Reviews</b>	
Corrective Action Effectiveness Reviews - Approval OVERDUE	0
Corrective Action Effectiveness Reviews - on schedule	1
Corrective Action Effectiveness Reviews approved this Quarter	0

## Status of Corrective Actions for the Under Secretary for Science

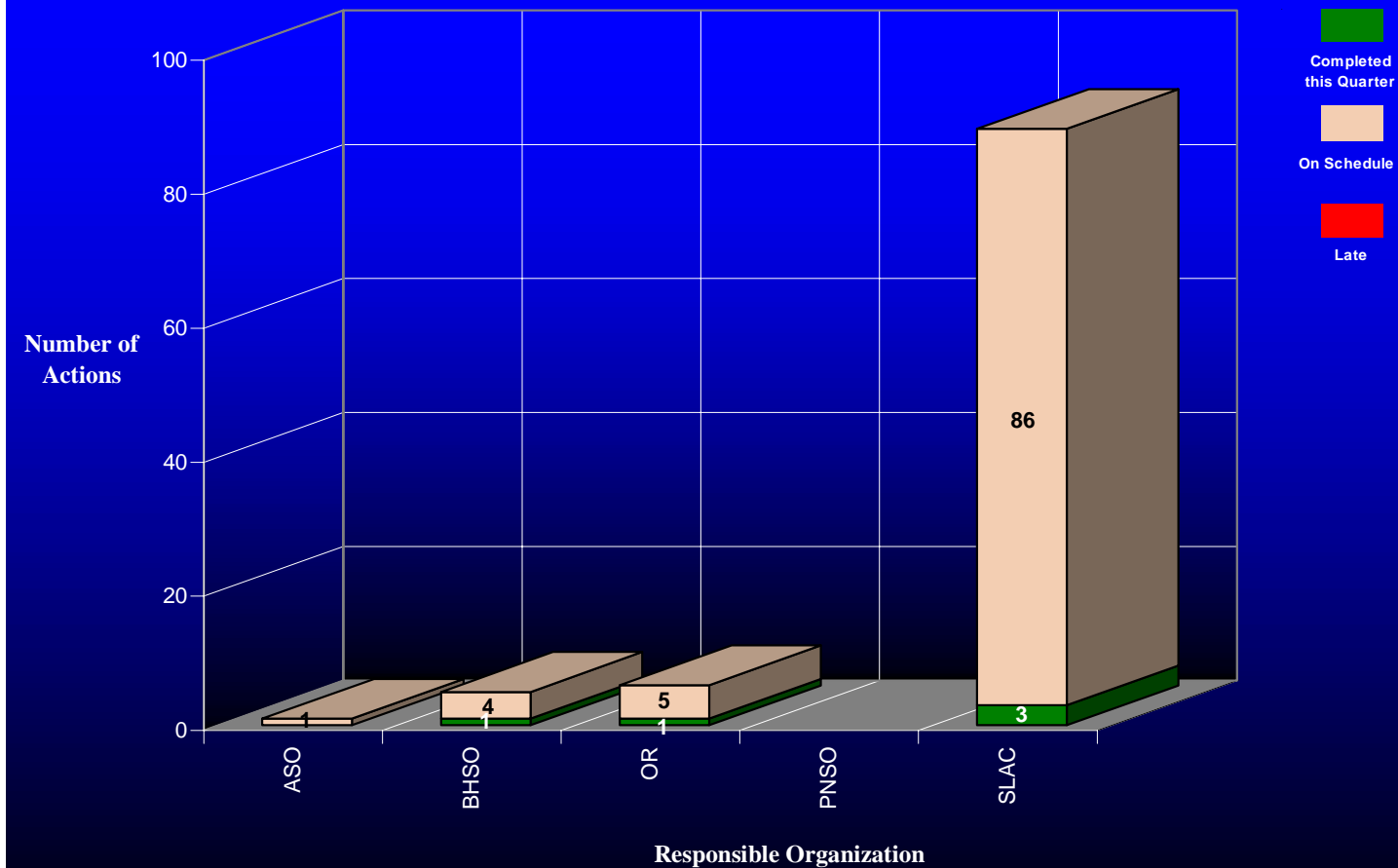


	SC
Completed 2 <sup>nd</sup> Qtr, FY07	5
Total Completed	577
On Schedule	96
Late	0
Grand Totals	673

## Director, Office of Science Late Corrective Actions

None

### Status of Corrective Actions Director, Office of Science



SC						
	ASO	BHSO	OR	PNSO	SLAC	TOTALS
Completed 2 <sup>nd</sup> Qtr, FY07	0	1	1	0	3	5
Total Completed	262	41	213	24	37	577
On Schedule	1	4	5	0	86	96
Late	0	0	0	0	0	0
Grand Totals	263	45	218	24	123	673

# Status of Corrective Action Plans and Effectiveness Reviews

## Director, Office of Science

**1. New Assessment Reports this Quarter**

Report Number	SLAC-01/17/2007-0002-R-ES&H
Report Title	Inspection of Environment, Safety and Health Programs at the Stanford Linear Accelerator Center, January 2007
Final Report Date	01/17/2007
Office/Facility Reviewed	Stanford Linear Accelerator Center
CAP Completion Due Date	10/01/2009

**2. Corrective Action Plans Pending Approval - OVERDUE**  
None

**3. Approved Corrective Action Plans - Completion OVERDUE past the planned completion date.**  
None

**4. Approved Corrective Action Plans – Completed this Quarter (all corrective actions in CAP completed this quarter)**  
None

**5. Number of Approved Corrective Action Plans – Completion on schedule**  
Four

**6. Corrective Action Effectiveness Reviews - Approved this Quarter**  
None

**7. Corrective Action Effectiveness Reviews - Approval on Schedule**

Report Number	ORNL-08/18/2004-0001-R-ES&H
Report Title	Final Report of the Office of Independent Oversight and Performance Assurance Inspection of Environment, Safety and Health Management at the Oak Ridge National Laboratory, June 2004
Final Report Date	08/18/2004
Office/Facility Reviewed	Oak Ridge National Laboratory
CAP Completion Date	11/15/2006
Effectiveness Review	
Due Date	5/14/2007

**8. Corrective Action Effectiveness Reviews – Approval Overdue**  
None

## Abbreviations Used in This Report

<b>ASO</b>	<b>Argonne Site Office</b>	<b>NSO</b>	<b>Nevada Site Office</b>
<b>BHSO</b>	<b>Brookhaven Site Office</b>	<b>NTS</b>	<b>Nevada Test Site</b>
<b>CAMP</b>	<b>Corrective Action Management Program</b>	<b>OR</b>	<b>Oak Ridge Operations Office</b>
<b>CAP</b>	<b>Corrective Action Plan</b>	<b>ORP</b>	<b>Office of River Protection</b>
<b>CATS</b>	<b>Corrective Action Tracking System</b>	<b>OST</b>	<b>Office of Secure Transportation</b>
<b>CH</b>	<b>Chicago Operations Office</b>	<b>PMA</b>	<b>Power Marketing Administration</b>
<b>DP</b>	<b>Deputy Administrator for Defense Programs</b>	<b>PNSO</b>	<b>Pacific Northwest Site Office</b>
<b>EM</b>	<b>Assistant Secretary for Environmental Management</b>	<b>PP</b>	<b>Pantex Plant</b>
<b>ETTP</b>	<b>East Tennessee Technology Park</b>	<b>PPPO</b>	<b>Portsmouth/Paducah Project Office</b>
<b>ID</b>	<b>Idaho Operations Office</b>	<b>PSO</b>	<b>Pantex Site Office</b>
<b>INL</b>	<b>Idaho National Laboratory</b>	<b>RL</b>	<b>Richland Operations Office</b>
<b>KCP</b>	<b>Kansas City Plant</b>	<b>SC</b>	<b>Office of Science</b>
<b>KCSO</b>	<b>Kansas City Site Office</b>	<b>SLAC</b>	<b>Stanford Linear Accelerator Center</b>
<b>LANL</b>	<b>Los Alamos National Laboratory</b>	<b>SNL</b>	<b>Sandia National Laboratories</b>
<b>LASO</b>	<b>Los Alamos Site Office</b>	<b>SO</b>	<b>Secretarial Officer</b>
<b>LLNL</b>	<b>Lawrence Livermore National Laboratory</b>	<b>SR</b>	<b>Savannah River Operations Office</b>
<b>LSO</b>	<b>Livermore Site Office</b>	<b>SRS</b>	<b>Savannah River Site</b>
<b>NAEO</b>	<b>National Nuclear Security Administration Emergency Operations</b>	<b>SSO</b>	<b>Sandia Site Office</b>
<b>NE</b>	<b>Office of Nuclear Energy</b>	<b>WAPA</b>	<b>Western Area Power Administration</b>
<b>NNSA</b>	<b>National Nuclear Security Administration</b>	<b>XM</b>	<b>Emergency Management</b>
		<b>Y-12</b>	<b>Y-12 National Security Complex</b>
		<b>YSO</b>	<b>Y-12 Site Office</b>