



# **CORRECTIVE ACTION MANAGEMENT PROGRAM**

***First Quarter Report for Fiscal Year 2009***

**January 2009**

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

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# DOE Corrective Action Management Program

## First Quarter Report for Fiscal Year 2009

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### Performance Summary

This report provides the first quarter, fiscal year 2009 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 December 31, 2008. The report depicts the Department's CAMP program status, followed by the status for the Under Secretaries and the assigned Secretarial Officer (SO).

The Office of Environmental Management (EM) has consistently been on time with all CAMP-related corrective actions for the past nine quarters. EM also completed 21 corrective actions and one effectiveness review during the quarter. There was one overdue EM effectiveness review during the quarter at the Hanford site.

The National Nuclear Security Administration (NNSA) had five late corrective actions for the quarter, as compared with nine late corrective actions during the previous quarter. Four were at the Los Alamos National Laboratory and one was at the Lawrence Livermore National Laboratory. There were no late NNSA effectiveness reviews for the quarter. NNSA also completed 106 corrective actions and one effectiveness review during the quarter.

The Office of Science (SC) had four late corrective actions for the quarter, as compared to only one late corrective action during the previous quarter. A single late corrective action for the Argonne National Laboratory (ANL) has been overdue for the past two quarters (six months) and remains incomplete. It was originally identified in the May 2005 Oversight report at the ANL Alpha-Gamma Hot Cell Facility. The remaining three late actions were at the Brookhaven National Laboratory. There were no overdue effectiveness reviews during the quarter. Also, SC completed 10 corrective actions during the quarter.

The Office of Nuclear Energy (NE) had no late corrective actions nor overdue effectiveness reviews for the quarter. NE completed 17 corrective actions during the quarter.

### Reporting Guidelines

The 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; (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.

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. For the purpose of this report, the term *findings* will also apply to accident investigation judgments of need. 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 their 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 six 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.

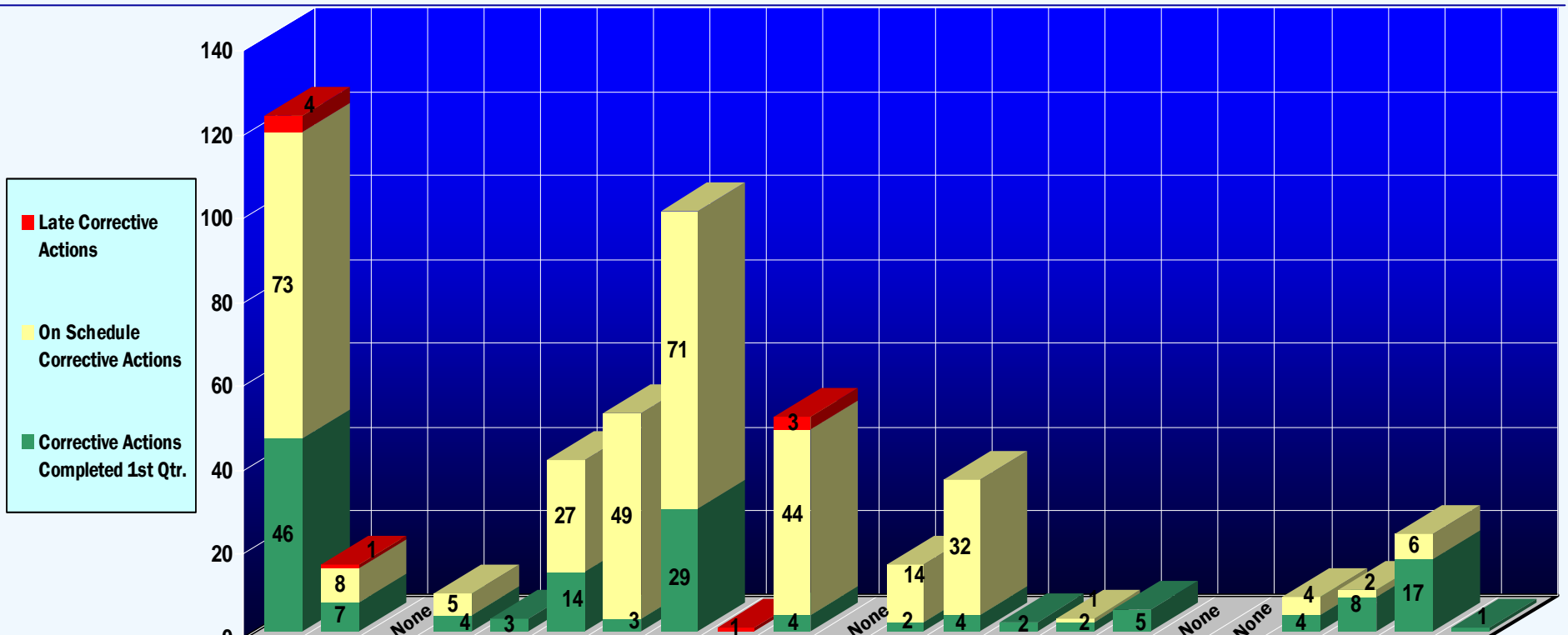
This report is available on the Internet by accessing the CAMP Website at:

<http://www.hss.energy.gov/CSA/csp/camp/index.html>

# Department of Energy Summary

<b>New Assessment Reports this Quarter</b>	<b>4</b>
CAPs Pending Approval – Approval On Schedule	4
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>4</b>
<b>Approved CAPs Completed This Quarter</b>	<b>5</b>
Approved CAPs – On Schedule	18
Approved CAPs – With Actions Open > 60 Days and ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	1
<b>Total Approved CAPs Still Open</b>	<b>19</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>3</b>
Corrective Action Effectiveness Reviews – On Schedule	5
Corrective Action Effectiveness Reviews – Approval OVERDUE	1
<b>Total Pending Effectiveness Reviews</b>	<b>6</b>

# Status of the Corrective Action Management Program Department of Energy



DOE SITE	LASO	LSO	NAEO	NSO	OST	PSO	SSO	YSO	ASO	BHSO	OR	SLAC	TJNA	ICP	OR	ORP	PPPO	RL	SR	WIPP	INL	WAPA	TOTALS	
<b>PSO</b>	<b>NNSA</b>											<b>SC</b>				<b>EM</b>						<b>NE</b>	<b>WAPA</b>	<b>TOTALS</b>
<b>Total Active Reports</b>	4	4	1	3	3	3	4	3	1	3	4	1	1	1	2	1	1	2	4	1	3	1	51	
<b>Total Findings</b>	71	52	3	28	36	25	62	32	24	23	47	14	5	3	35	16	6	29	45	13	35	1	605	
<b>Total Corrective Actions</b>	349	244	5	94	48	98	388	226	263	113	170	89	36	44	92	95	20	223	237	91	311	1	3237	
<b>Completed Corrected Actions</b>	272	235	5	89	48	71	339	155	262	66	170	75	4	44	91	95	20	223	233	89	305	1	2892	
<b>Open Corrective Actions</b>	77	9	0	5	0	27	49	71	1	47	0	14	32	0	1	0	0	0	4	2	6	0	345	
<b>Late Corrective Actions</b>	4	1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	9	
<b>On Schedule Corrective Actions</b>	73	8	0	5	0	27	49	71	0	44	0	14	32	0	1	0	0	0	4	2	6	0	336	
<b>CAs Completed 1<sup>st</sup> Quarter</b>	46	7	0	4	3	14	3	29	0	4	0	2	4	2	2	5	0	0	4	8	17	1	155	

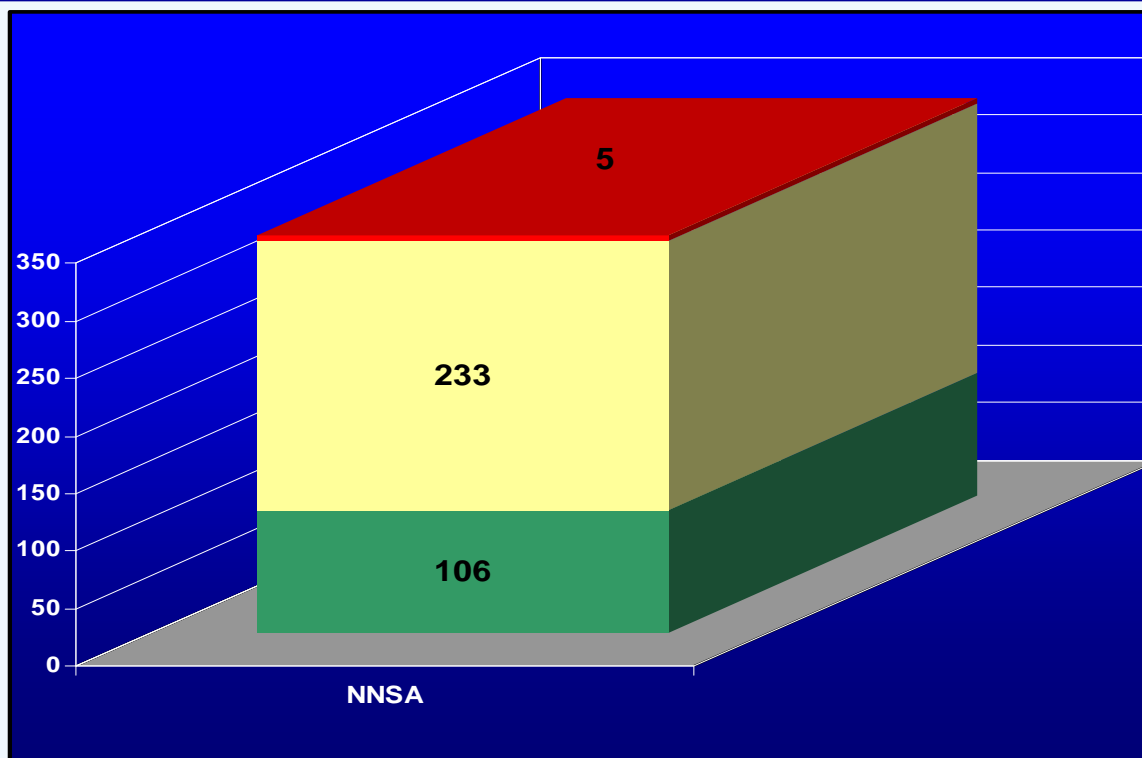


**Administrator,  
National Nuclear Security Administration**

# National Nuclear Security Administration

<b>New Assessment Reports this Quarter</b>	<b>1</b>
CAPs Pending Approval – Approval On Schedule	1
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>1</b>
<b>Approved CAPs Completed This Quarter</b>	<b>3</b>
Approved CAPs – On Schedule	9
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	0
<b>Total Approved CAPs Still Open</b>	<b>9</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>1</b>
Corrective Action Effectiveness Reviews – On Schedule	3
Corrective Action Effectiveness Reviews – Approval OVERDUE	0
<b>Total Pending Effectiveness Reviews</b>	<b>3</b>

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



NATIONAL NUCLEAR SECURITY ADMINISTRATION	All NNSA
Total Active Reports	25
Total Findings	309
Total Corrective Actions	1452
Completed Corrective Actions	1214
Open Corrective Actions	238
Late Corrective Actions	5
Corrective Actions on Schedule	233
Corrective Actions Completed 1 <sup>st</sup> Qtr.	106



# Deputy Administrator for Defense Programs

## Late Corrective Actions

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**LOS ALAMOS NATIONAL LABORATORY:**

Report Number: LANL-01/30/2008-0001-R-ES&H

Report Title: Independent Oversight Inspection of Environment, Safety, and Health Programs at the Los Alamos National Laboratory, January 2008

**Los Alamos National Laboratory - Total Late Corrective Actions: 4**

**LAWRENCE LIVERMORE NATIONAL LABORATORY**

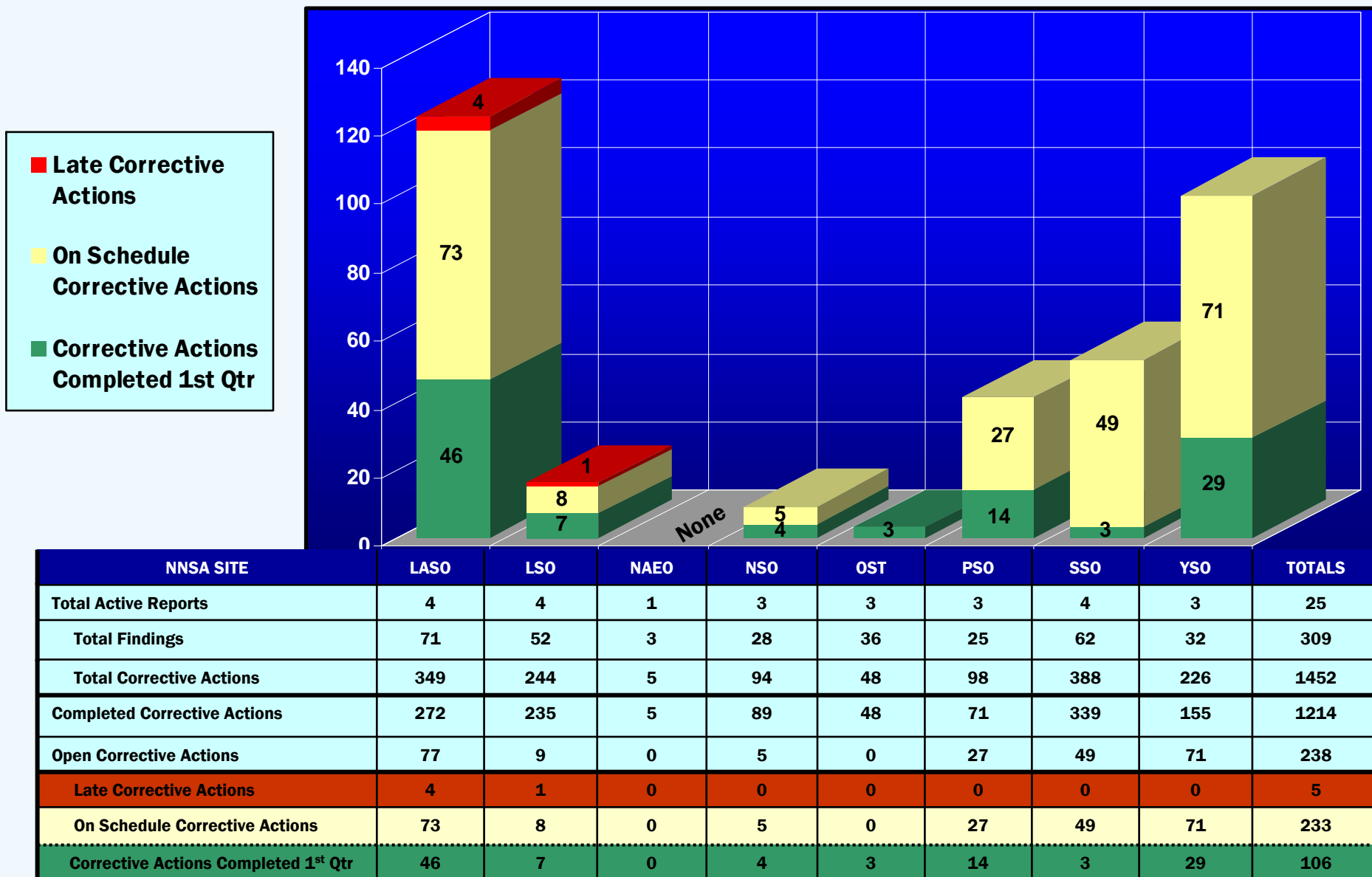
Report Number: LLNL-05/29/2007-0001-R-ES&H

Report Title: Inspection of Environment, Safety, and Health Programs at the Lawrence Livermore National Laboratory

**Lawrence Livermore National Laboratory - Total Late Corrective Actions: 1**

**NNSA TOTAL LATE CORRECTIVE ACTIONS: 5**

# Status of Corrective Actions for the Deputy Administrator for Defense Programs



# Status of Corrective Action Plans and Effectiveness Reviews

## Deputy Administrator for Defense Programs

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<b>New Assessment Reports this Quarter:</b>	<b>1</b>
<b>Corrective Action Plans Pending Approval - <b>OVERDUE:</b></b>	<b>0</b>
<b>Approved Corrective Action Plans - Completed this Quarter:</b>	<b>3</b>
<b>Number of Approved Corrective Action Plans - On Schedule:</b>	<b>9</b>
<b>Corrective Action Effectiveness Reviews - Approved this Quarter:</b>	<b>1</b>
<b>Corrective Action Effectiveness Reviews - <b>OVERDUE:</b></b>	<b>0</b>

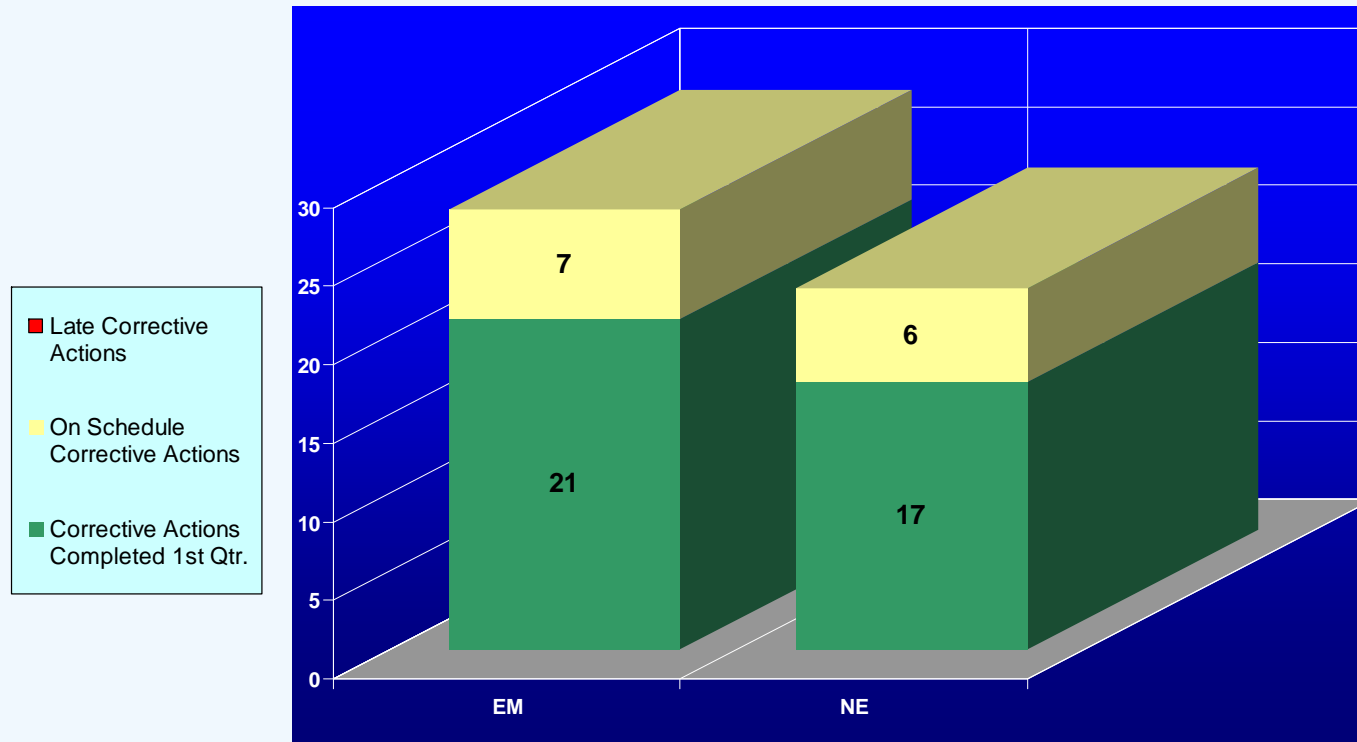


**Under Secretary of Energy**

# Under Secretary of Energy Summary

<b>New Assessment Reports this Quarter</b>	<b>1</b>
CAPs Pending Approval – Approval On Schedule	1
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>1</b>
<b>Approved CAPs Completed This Quarter</b>	<b>1</b>
Approved CAPs – On Schedule	5
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	0
<b>Total Approved CAPs Still Open</b>	<b>5</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>1</b>
Corrective Action Effectiveness Reviews – On Schedule	1
Corrective Action Effectiveness Reviews – Approval OVERDUE	1
<b>Total Pending Effectiveness Reviews</b>	<b>2</b>

# Summary of Corrective Actions for the Under Secretary of Energy



UNDER SECRETARY OF ENERGY	EM	NE	TOTALS
Total Active Reports	12	3	15
Total Findings	147	35	182
Total Corrective Actions	712	311	1023
Completed Corrective Actions	795	305	1100
Open Corrective Actions	7	6	13
Late Corrective Actions	0	0	0
On Schedule Corrective Actions	7	6	13
Corrective Actions Completed 1 <sup>st</sup> Qtr.	21	17	38

# Assistant Secretary for Environmental Management

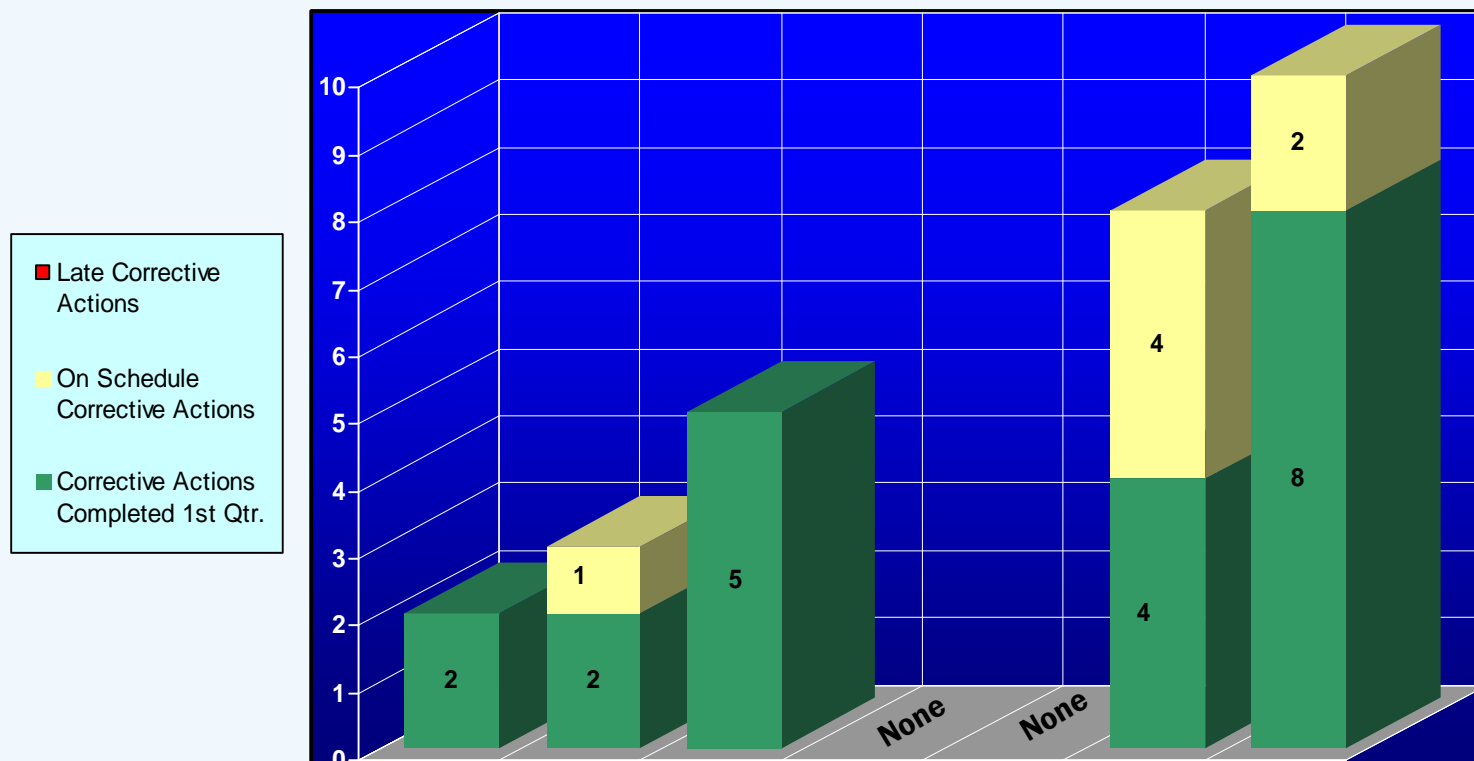
## Late Corrective Actions

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# Status of Corrective Actions for the Assistant Secretary for Environmental Management



EM SITE	ICP	OR	ORP	PPPO	RL	SR	WIPP	TOTALS
Total Active Reports	1	2	1	1	2	4	1	12
Total Findings	3	35	16	6	29	45	13	147
Total Corrective Actions	44	92	95	20	223	237	91	802
Completed Corrective Actions	44	91	95	20	223	233	89	795
Open Corrective Actions	0	1	0	0	0	4	2	7
Late Corrective Actions	0	0	0	0	0	0	0	0
On Schedule Corrective Actions	0	1	0	0	0	4	2	7
Corrective Actions Completed 1 <sup>st</sup> Qtr.	2	2	5	0	0	4	8	21



# Status of Corrective Action Plans and Effectiveness Reviews

## Assistant Secretary for Environmental Management

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<b>New Assessment Reports this Quarter:</b>	<b>1</b>	<b>Number of Approved Corrective Action Plans – On Schedule:</b>	<b>3</b>
<b>Corrective Action Plans Pending Approval – OVERDUE:</b>	<b>0</b>	<b>Corrective Action Effectiveness Reviews – Approved this Quarter:</b>	<b>1</b>
<b>Approved Corrective Action Plans – OVERDUE:</b>	<b>0</b>	<b>Corrective Action Effectiveness Reviews – Approval on Schedule:</b>	<b>1</b>
<b>Approved Corrective Action Plans – Completed this Quarter:</b>	<b>1</b>	<b>Corrective Action Effectiveness Reviews – OVERDUE:</b> <b>Report Number: HS-11/27/2006-0001-R-ES&amp;H-XM</b> <b>Report Title: Inspection of Environment, Safety and Health and Emergency Management Programs at the Hanford Site Waste Stabilization and Disposition Project, September 2006</b> <b>Due Date: 12/17/2008</b>	<b>1</b>

# Assistant Secretary for Nuclear Energy

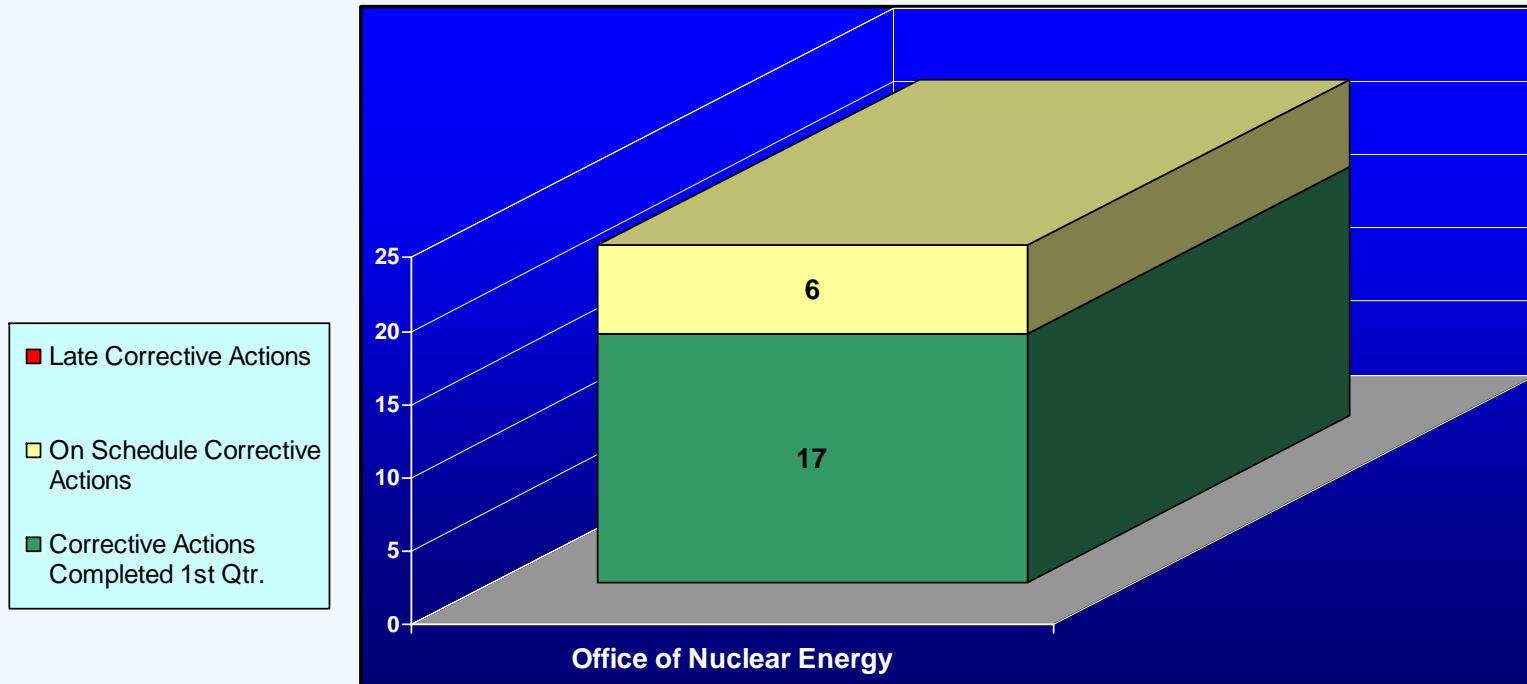
## Late Corrective Actions

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# Status of Corrective Actions for the Assistant Secretary for Nuclear Energy



NUCLEAR ENERGY	INL
Total Active Reports	3
Total Findings	35
Total Corrective Actions	311
Completed Corrective Actions	305
Open Corrective Actions	6
Late Corrective Actions	0
On Schedule Corrective Actions	6
Corrective Actions Completed 1 <sup>st</sup> Qtr.	17

# Status of Corrective Action Plans and Effectiveness Reviews

## Assistant Secretary for Nuclear Energy

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<b>New Assessment Reports this Quarter:</b>	0	<b>Number of Approved Corrective Action Plans – On Schedule:</b>	2
<b>Corrective Action Plans Pending Approval – OVERDUE:</b>	0	<b>Corrective Action Effectiveness Reviews – Approved this Quarter:</b>	0
<b>Approved Corrective Action Plans – OVERDUE:</b>	0	<b>Corrective Action Effectiveness Reviews – Approval on Schedule:</b>	0
<b>Approved Corrective Action Plans – Completed this Quarter:</b>	0	<b>Corrective Action Effectiveness Reviews – OVERDUE:</b>	0

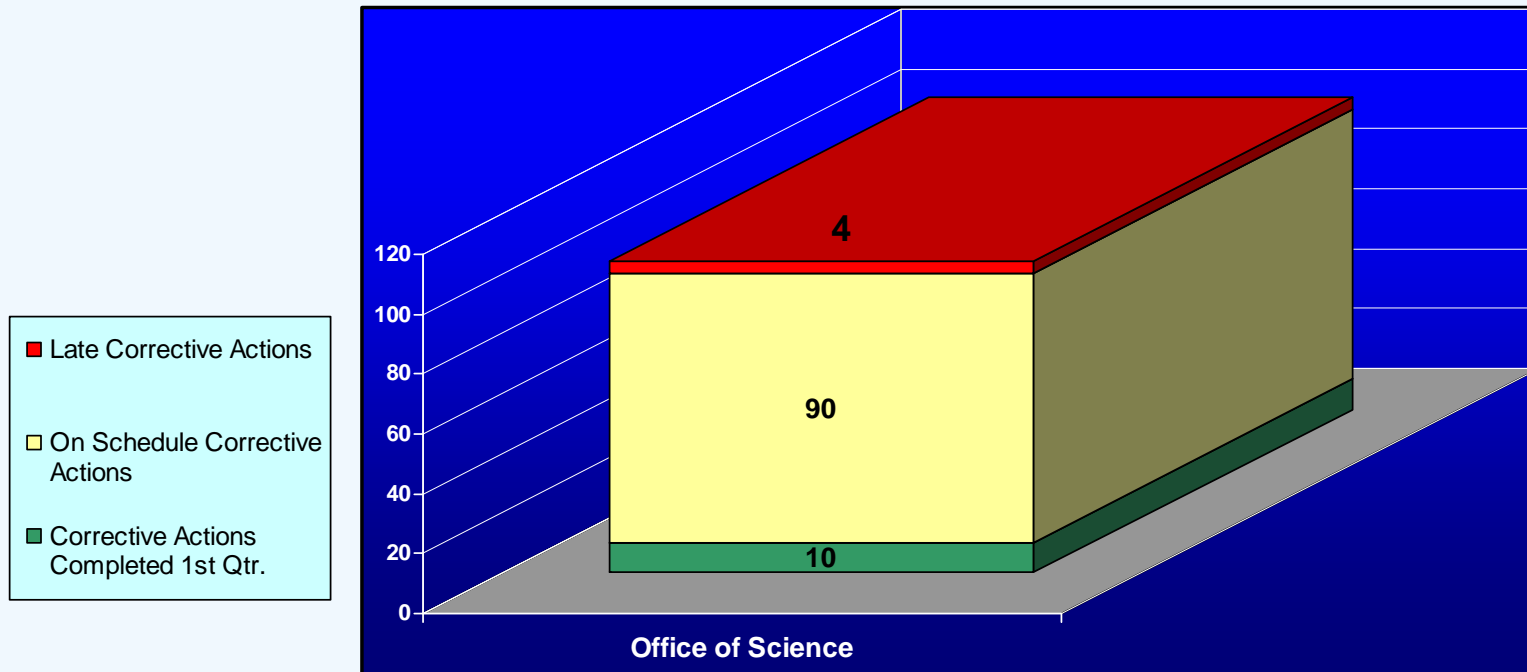


**Under Secretary for Science**

# Under Secretary for Science Summary

<b>New Assessment Reports this Quarter</b>	<b>2</b>
CAPs Pending Approval – Approval On Schedule	2
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>2</b>
<b>Approved CAPs Completed This Quarter</b>	<b>0</b>
Approved CAPs – On Schedule	4
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	1
<b>Total Approved CAPs Still Open</b>	<b>5</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>0</b>
Corrective Action Effectiveness Reviews – On Schedule	0
Corrective Action Effectiveness Reviews – Approval OVERDUE	0
<b>Total Pending Effectiveness Reviews</b>	<b>0</b>

# Summary of Corrective Actions for the Under Secretary for Science



OFFICE OF SCIENCE	All SC
Total Active Reports	10
Total Findings	113
Total Corrective Actions	671
Completed Corrective Actions	577
Open Corrective Actions	94
Late Corrective Actions	4
On Schedule Corrective Actions	90
Corrective Actions Completed 1st Qtr.	10

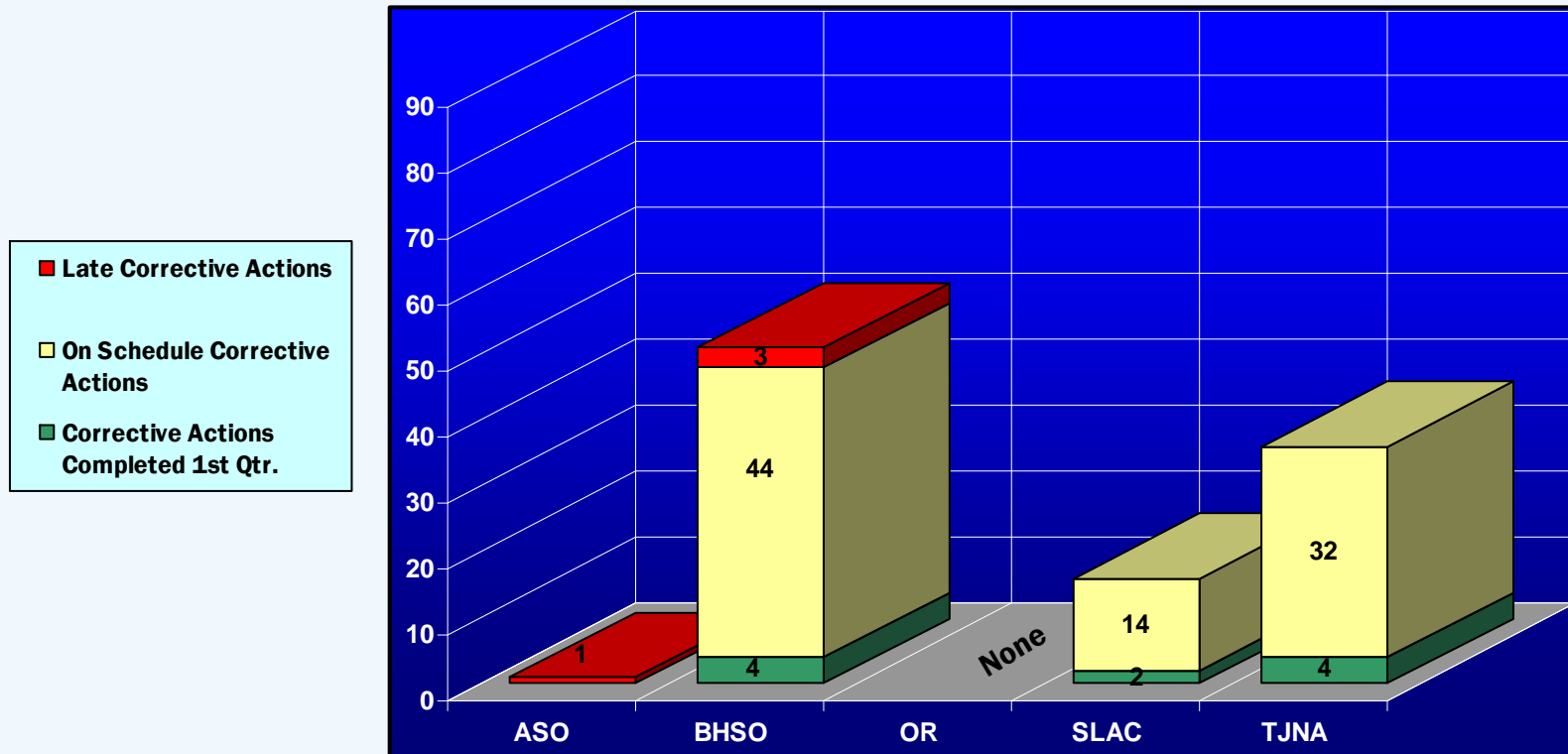
# Director, Office of Science

## Late Corrective Actions

<b>ARGONNE NATIONAL LABORATORY:</b> Report Number: ANLE-07/07/2005-0001-R-ES&H Report Title: Final Report of the Office of Independent Oversight and Performance Assurance "Inspection of the Environment, Safety, and Health Management at the Argonne National Laboratory, May 2005"
<b>Argonne National Laboratory - Total Late Corrective Actions: 1</b>
<b>BROOKHAVEN NATIONAL LABORATORY:</b> Report Number: BNL-11/16/2007-0001-R-ES&H Report Title: Independent Oversight Inspection of Environment, Safety and Health Programs at the Brookhaven National Laboratory, November 2007
<b>Brookhaven National Laboratory - Total Late Corrective Actions: 3</b>
<b>OFFICE OF SCIENCE TOTAL LATE CORRECTIVE ACTIONS: 4</b>



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



SCIENCE SITE	ASO	BHSO	OR	SLAC	TJNA	TOTALS
Total Active Reports	1	3	4	1	1	10
Total Findings	24	23	47	14	5	113
Total Corrective Actions	263	113	170	89	36	671
Completed Corrective Actions	262	66	170	75	4	577
Open Corrective Actions	1	47	0	14	32	94
Late Corrective Actions	1	3	0	0	0	4
On Schedule Corrective Actions	0	44	0	14	32	90
Corrective Actions Completed 1 <sup>st</sup> Qtr.	0	4	0	2	4	10

# Status of Corrective Action Plans and Effectiveness Reviews

## Director, Office of Science

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<b>New Assessment Reports this Quarter:</b>	<b>2</b>	<b>Number of Approved Corrective Action Plans – On Schedule:</b>	<b>4</b>
<b>Corrective Action Plans Pending Approval – OVERDUE:</b>	<b>0</b>	<b>Corrective Action Effectiveness Reviews – Approved this Quarter</b>	<b>0</b>
<b>Approved Corrective Action Plans – Completion OVERDUE:</b> <b>Number: ANLE-07/07/2005-0001-R-ES&amp;H</b> <b>Title: Final Report of the Office of Independent Oversight and Performance Assurance “Inspection of the Environment, Safety and Health Management at the Argonne National Laboratory, May 2005”</b> <b>CAP Completion Date: 05/30/2008</b>	<b>1</b>	<b>Corrective Action Effectiveness Reviews – Approval on Schedule:</b>	<b>0</b>
<b>Approved Corrective Action Plans – Completed this Quarter:</b>	<b>0</b>	<b>Corrective Action Effectiveness Reviews – OVERDUE:</b>	<b>0</b>

# Abbreviations

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<b>ASO</b>	<b>Argonne Site Office</b>	<b>NTS</b>	<b>Nevada Test Site</b>
<b>BHSO</b>	<b>Brookhaven Site Office</b>	<b>OR</b>	<b>Oak Ridge Operations Office</b>
<b>CAMP</b>	<b>Corrective Action Management Program</b>	<b>ORP</b>	<b>Office of River Protection</b>
<b>CAP</b>	<b>Corrective Action Plan</b>	<b>OST</b>	<b>Office of Secure Transportation</b>
<b>CATS</b>	<b>Corrective Action Tracking System</b>	<b>PMA</b>	<b>Power Marketing Administration</b>
<b>CH</b>	<b>Chicago Operations Office</b>	<b>PNSO</b>	<b>Pacific Northwest Site Office</b>
<b>EM</b>	<b>Office of 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>HQ</b>	<b>Department of Energy Headquarters</b>	<b>PSO</b>	<b>Pantex Site Office</b>
<b>HS</b>	<b>Office of Health, Safety &amp; Security</b>	<b>RL</b>	<b>Richland Operations Office</b>
<b>ICP</b>	<b>Idaho Cleanup Project</b>	<b>SC</b>	<b>Office of Science</b>
<b>ID</b>	<b>Idaho Operations Office</b>	<b>SLAC</b>	<b>Stanford Linear Accelerator Center</b>
<b>INL</b>	<b>Idaho National Laboratory</b>	<b>SNL</b>	<b>Sandia National Laboratories</b>
<b>KCP</b>	<b>Kansas City Plant</b>	<b>SO</b>	<b>Secretarial Office</b>
<b>KCSO</b>	<b>Kansas City Site Office</b>	<b>SR</b>	<b>Savannah River Operations Office</b>
<b>LANL</b>	<b>Los Alamos National Laboratory</b>	<b>SRS</b>	<b>Savannah River Site</b>
<b>LASO</b>	<b>Los Alamos Site Office</b>	<b>SSO</b>	<b>Sandia Site Office</b>
<b>LLNL</b>	<b>Lawrence Livermore National Laboratory</b>	<b>WAPA</b>	<b>Western Area Power Administration</b>
<b>LSO</b>	<b>Livermore Site Office</b>	<b>WIPP</b>	<b>Waste Isolation Pilot Plant</b>
<b>NAEO</b>	<b>NNSA Emergency Operations</b>	<b>XM</b>	<b>Emergency Management</b>
<b>NE</b>	<b>Office of Nuclear Energy</b>	<b>Y-12</b>	<b>Y-12 National Security Complex</b>
<b>NNSA</b>	<b>National Nuclear Security Administration</b>	<b>YSO</b>	<b>Y-12 Site Office</b>
<b>NSO</b>	<b>Nevada Site Office</b>		