



# **CORRECTIVE ACTION MANAGEMENT PROGRAM**

***Third Quarter Report for Fiscal Year 2008***

**July 2008**

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

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# DOE Corrective Action Management Program

## Third Quarter Report for Fiscal Year 2008

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### Performance Summary

This report provides the third quarter, fiscal year 2008 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 (CAs) as of June 30, 2008. 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 have been overdue during the past seven quarters, an improvement from 4QFY2006 when seven late corrective actions were reported. EM also completed 63 corrective actions and two effectiveness reviews during the quarter. There were no overdue EM effectiveness reviews during the quarter.

The National Nuclear Security Administration (NNSA) had seven late corrective actions for the quarter, representing significant improvement from the previous quarter when 14 late corrective actions were reported. There were two late effectiveness reviews for the quarter. NNSA also completed 56 corrective actions and two effectiveness reviews during the quarter.

The Office of Science (SC) had one late corrective action and no overdue effectiveness reviews during the quarter. SC completed 12 corrective actions during the quarter.

The Office of Nuclear Energy (NE) also had no late corrective actions or overdue effectiveness reviews for the quarter. NE completed 36 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 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.

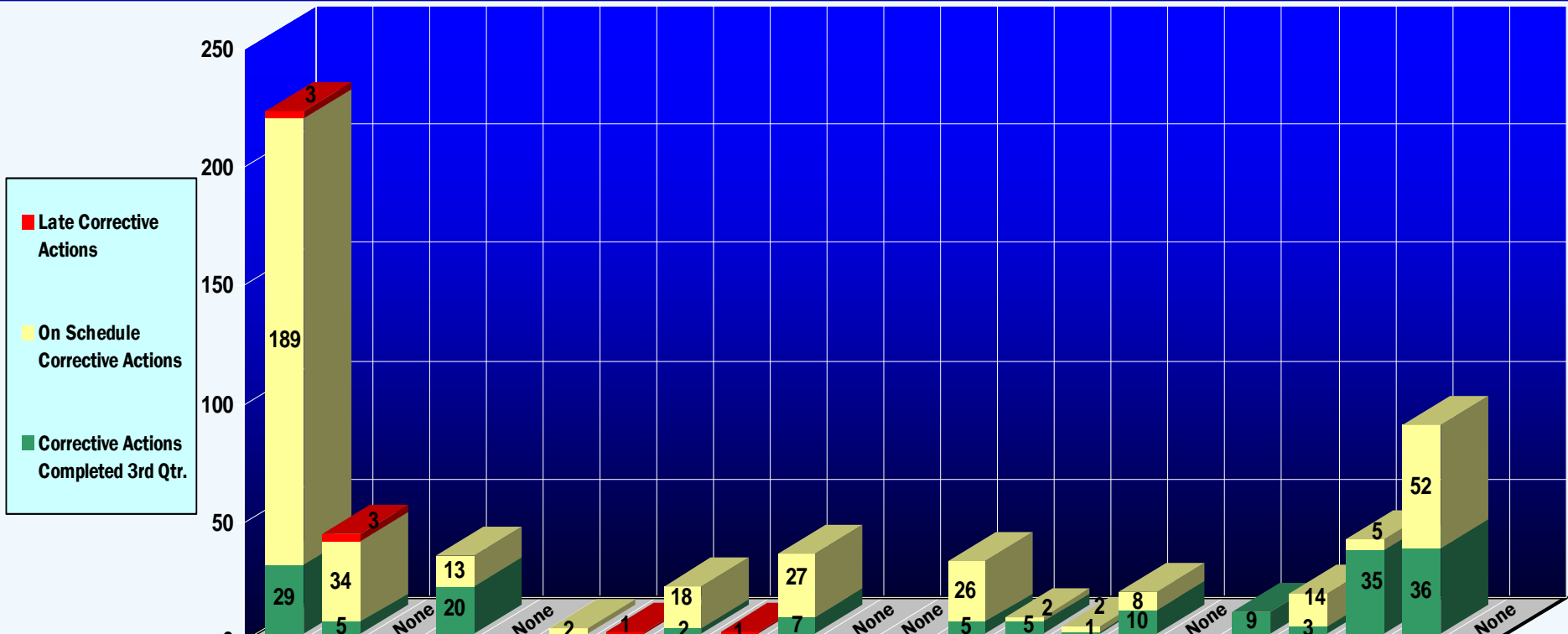
This report is available on the Internet by accessing the CAMP Website at:

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

# Department of Energy Summary

<b>New Assessment Reports this Quarter</b>	<b>1</b>
CAPs Pending Approval – Approval On Schedule	0
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	1
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>2</b>
Approved CAPs – On Schedule	17
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>18</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>4</b>
Corrective Action Effectiveness Reviews – On Schedule	5
Corrective Action Effectiveness Reviews – Approval OVERDUE	2
<b>Total Pending Effectiveness Reviews</b>	<b>7</b>

# Status of the Corrective Action Management Program Department of Energy



DOE SITE	LASO	LSO	NAEO	NSO	OST	PSO	SSO	YSO	ASO	BHSO	OR	PNSO	SLAC	ICP	OR	ORP	PPPC	RL	SR	WIPP	INL	HS	TOTALS	
<b>PSO</b>																							<b>TOTALS</b>	
	<b>NNSA</b>											<b>SC</b>					<b>EM</b>					<b>NE</b>	<b>HQ</b>	
<b>Total Active Reports</b>	4	3	1	3	2	2	4	2	1	2	2	0	1	1	1	1	1	2	3	1	3	1	41	
<b>Total Findings</b>	71	50	3	28	34	19	62	21	24	15	35	0	14	3	24	16	6	29	41	13	35	4	547	
<b>Total Corrective Actions</b>	352	244	5	94	50	54	336	126	263	87	170	0	89	44	92	95	20	223	233	91	311	4	2983	
<b>Completed Corrected Actions</b>	160	207	5	81	50	52	335	108	262	60	170	0	63	42	90	87	20	223	219	86	259	4	2583	
<b>Open Corrective Actions</b>	192	37	0	13	0	2	1	18	1	27	0	0	26	2	2	8	0	0	14	5	52	0	400	
<b>Late Corrective Actions</b>	3	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
<b>On Schedule Corrective Actions</b>	189	34	0	13	0	2	0	18	0	27	0	0	26	2	2	8	0	0	14	5	52	0	392	
<b>CAs Completed 3rd Quarter</b>	29	5	0	20	0	0	0	2	0	7	0	0	5	5	1	10	0	9	3	35	36	0	167	

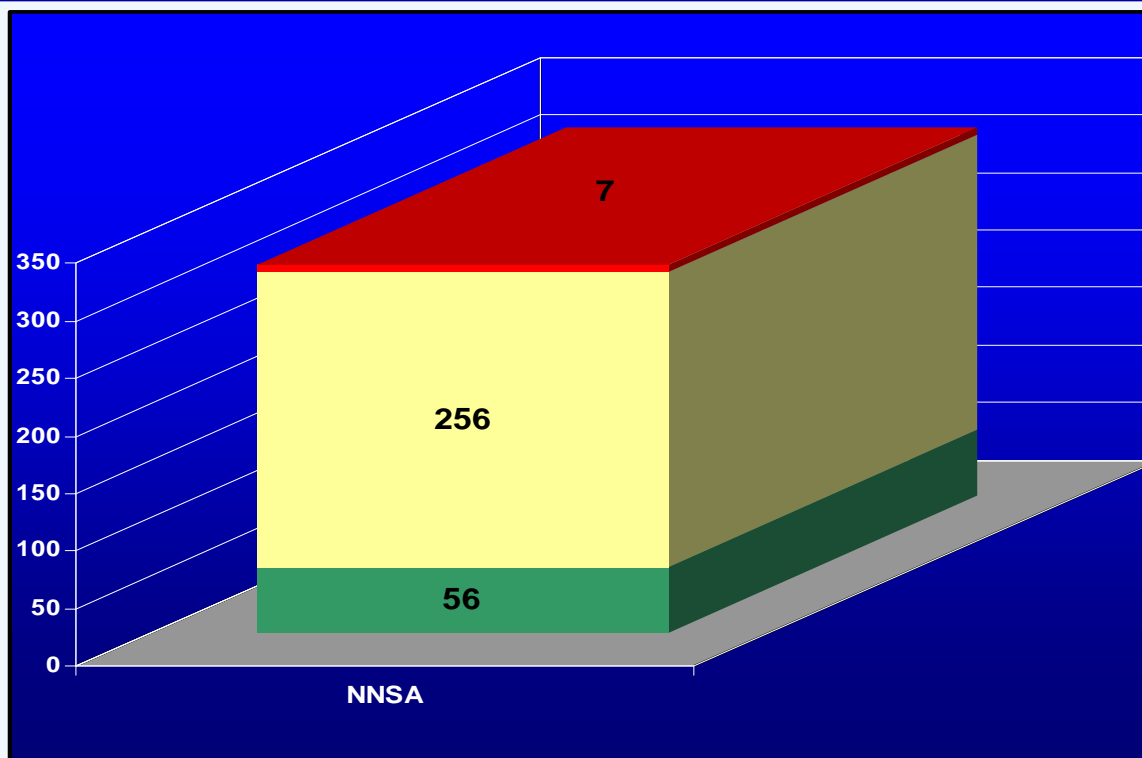


**Administrator,  
National Nuclear Security Administration**

# National Nuclear Security Administration

<b>New Assessment Reports this Quarter</b>	<b>1</b>
CAPs Pending Approval – Approval On Schedule	0
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	<b>1</b>
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	7
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	<b>1</b>
<b>Total Approved CAPs Still Open</b>	<b>8</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>2</b>
Corrective Action Effectiveness Reviews – On Schedule	1
Corrective Action Effectiveness Reviews – Approval OVERDUE	<b>2</b>
<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	21
Total Findings	288
Total Corrective Actions	1261
Completed Corrective Actions	998
Open Corrective Actions	263
Late Corrective Actions	7
Corrective Actions on Schedule	256
Corrective Actions Completed 3 <sup>rd</sup> Qtr.	56

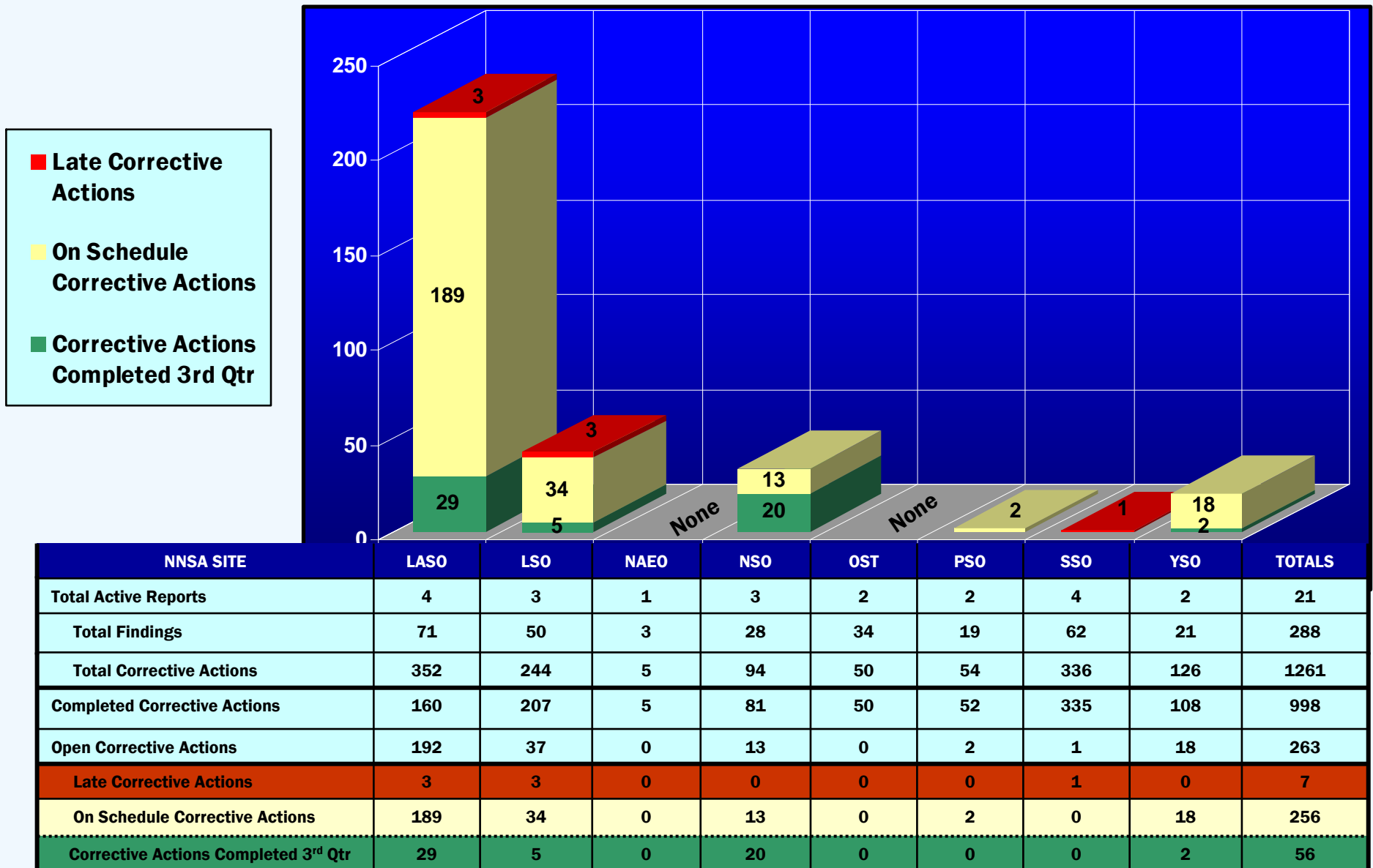


# Deputy Administrator for Defense Programs

## Late Corrective Actions

<b>LOS ALAMOS NATIONAL LABORATORY:</b> 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
<b>Los Alamos National Laboratory - Total Late Corrective Actions: 3</b>
<b>LAWRENCE LIVERMORE NATIONAL LABORATORY</b> 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
<b>Lawrence Livermore National Laboratory - Total Late Corrective Actions: 3</b>
<b>SANDIA NATIONAL LABORATORIES</b> Report Number: SNLAL-06/28/2005-0002-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 Sandia National Laboratories
<b>Sandia National Laboratories - Total Late Corrective Actions: 1</b>
<b>NNSA TOTAL LATE CORRECTIVE ACTIONS: 7</b>

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



# Status of Corrective Action Plans and Effectiveness Reviews

## Deputy Administrator for Defense Programs

<b>New Assessment Reports this Quarter:</b>	<b>1</b>
<b>Corrective Action Plans Pending Approval – OVERDUE:</b> Report Number: SNLAL-04/14/2008-0001-R-ES&H Report Title: Independent Oversight Inspection of Environment, Safety, and Health Programs at the Sandia National Laboratories-Albuquerque, April 2008 Final Report Date: 04/14/2008 Office/Facility Reviewed: Sandia National Laboratories – Albuquerque CAP Approval Due Date: 06/13/2008	<b>1</b>
<b>Approved Corrective Action Plans – Completed this Quarter:</b>	<b>1</b>
<b>Number of Approved Corrective Action Plans – On Schedule:</b>	<b>7</b>
<b>Corrective Action Effectiveness Reviews – Approved this Quarter:</b>	<b>2</b>
<b>Corrective Action Effectiveness Reviews – OVERDUE:</b>  Report Number: OST-03/29/2007-0001-R-XM Report Title: Inspection of Emergency Management at the Office of Secure Transportation Final Report Date: 03/29/2007 Office/Facility Reviewed: Office of Secure Transportation CAP Completion Date: 11/21/2007 Effectiveness Review Due Date: 05/19/2008  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-Albuquerque, July 2006 Final Report Date: 08/02/2006 Office/Facility Reviewed: Sandia National Laboratories-Albuquerque CAP Completion Date: 12/17/2007 Effectiveness Review Due Date: 06/14/2008	<b>2</b>

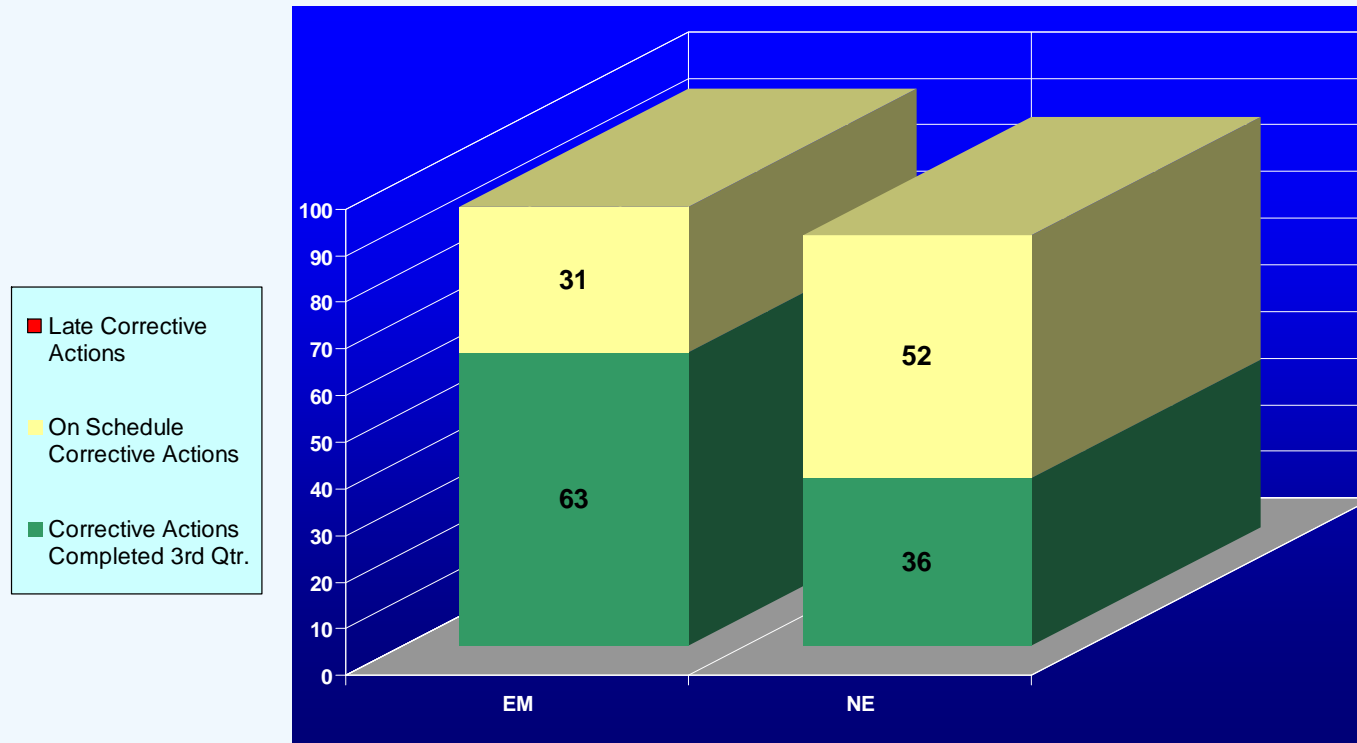


**Under Secretary of Energy**

# Under Secretary of Energy Summary

<b>New Assessment Reports this Quarter</b>	<b>0</b>
CAPs Pending Approval – Approval On Schedule	0
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>0</b>
<b>Approved CAPs Completed This Quarter</b>	<b>0</b>
Approved CAPs – On Schedule	7
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>7</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>2</b>
Corrective Action Effectiveness Reviews – On Schedule	1
Corrective Action Effectiveness Reviews – Approval OVERDUE	0
<b>Total Pending Effectiveness Reviews</b>	<b>1</b>

# Summary of Corrective Actions for the Under Secretary of Energy



UNDER SECRETARY OF ENERGY	EM	NE	TOTALS
Total Active Reports	10	3	13
Total Findings	132	35	167
Total Corrective Actions	798	311	1109
Completed Corrective Actions	767	259	1026
Open Corrective Actions	31	52	83
Late Corrective Actions	0	0	0
On Schedule Corrective Actions	31	52	83
Corrective Actions Completed 3 <sup>rd</sup> Qtr.	63	36	99

# Assistant Secretary for Environmental Management

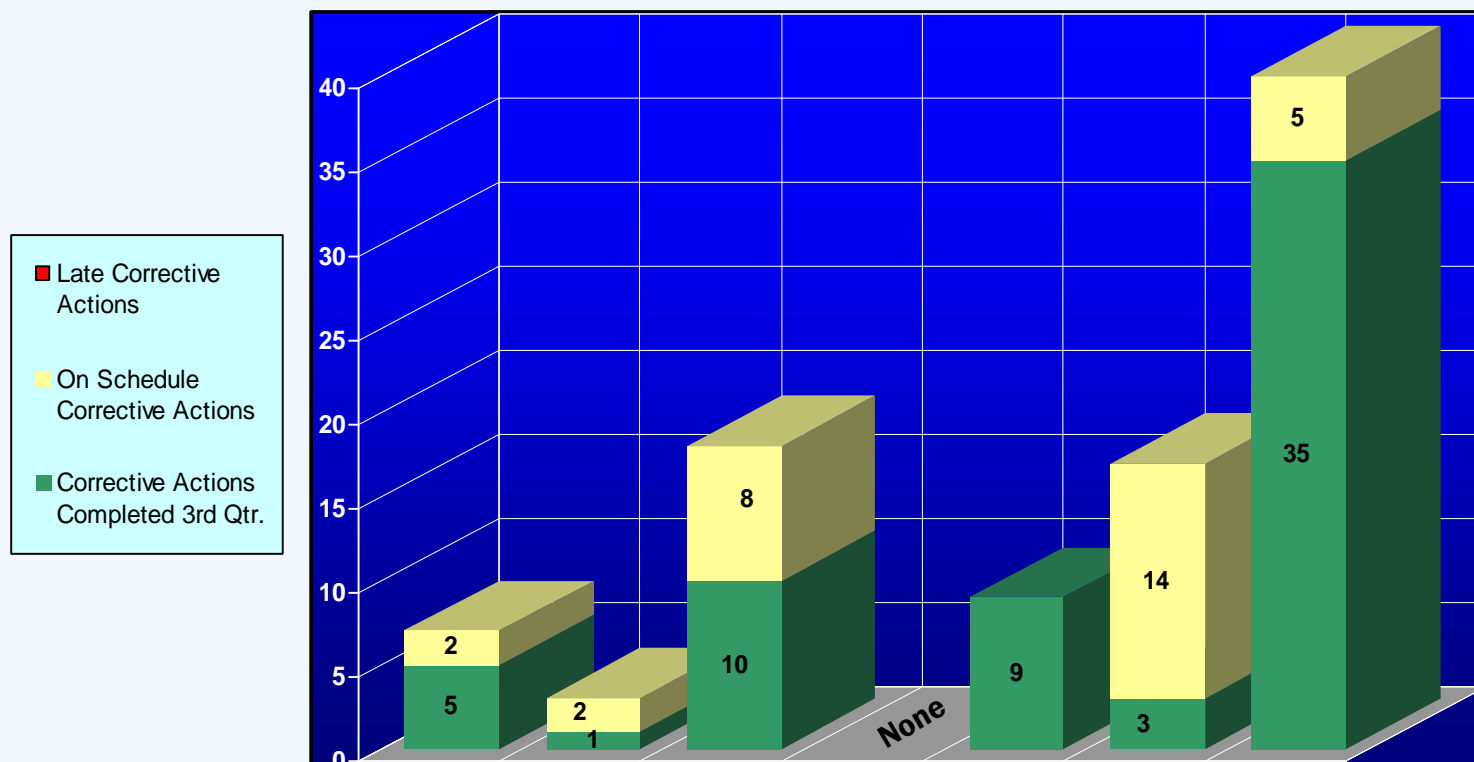
## Late Corrective Actions

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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
<b>Total Active Reports</b>	1	1	1	1	2	3	1	10
<b>Total Findings</b>	3	24	16	6	29	41	13	132
<b>Total Corrective Actions Since</b>	44	92	95	20	223	233	91	798
<b>Completed Corrective Actions</b>	42	90	87	20	223	219	86	767
<b>Open Corrective Actions</b>	2	2	8	0	0	14	5	31
<b>Late Corrective Actions</b>	0	0	0	0	0	0	0	0
<b>On Schedule Corrective Actions</b>	2	2	8	0	0	14	5	31
<b>Corrective Actions Completed 3<sup>rd</sup> Qtr.</b>	5	1	10	0	9	3	35	63



# 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>0</b>	<b>Number of Approved Corrective Action Plans – On Schedule:</b>	<b>7</b>
<b>Corrective Action Plans Pending Approval – OVERDUE:</b>	<b>0</b>	<b>Corrective Action Effectiveness Reviews – Approved this Quarter:</b>	<b>2</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>0</b>	<b>Corrective Action Effectiveness Reviews – OVERDUE:</b>	<b>0</b>

# Assistant Secretary for Nuclear Energy

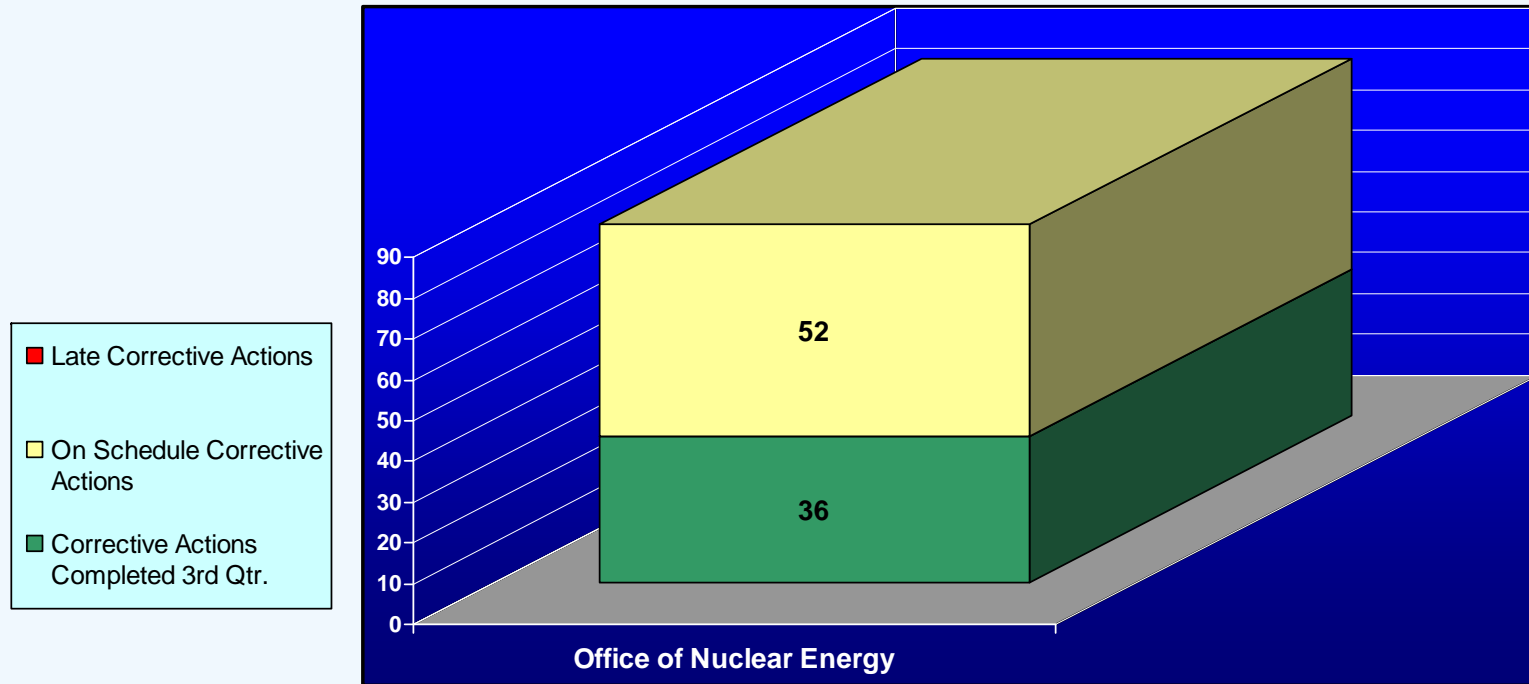
## Late Corrective Actions

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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	259
Open Corrective Actions	52
Late Corrective Actions	0
On Schedule Corrective Actions	52
Corrective Actions Completed 3 <sup>rd</sup> Qtr.	36

# 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

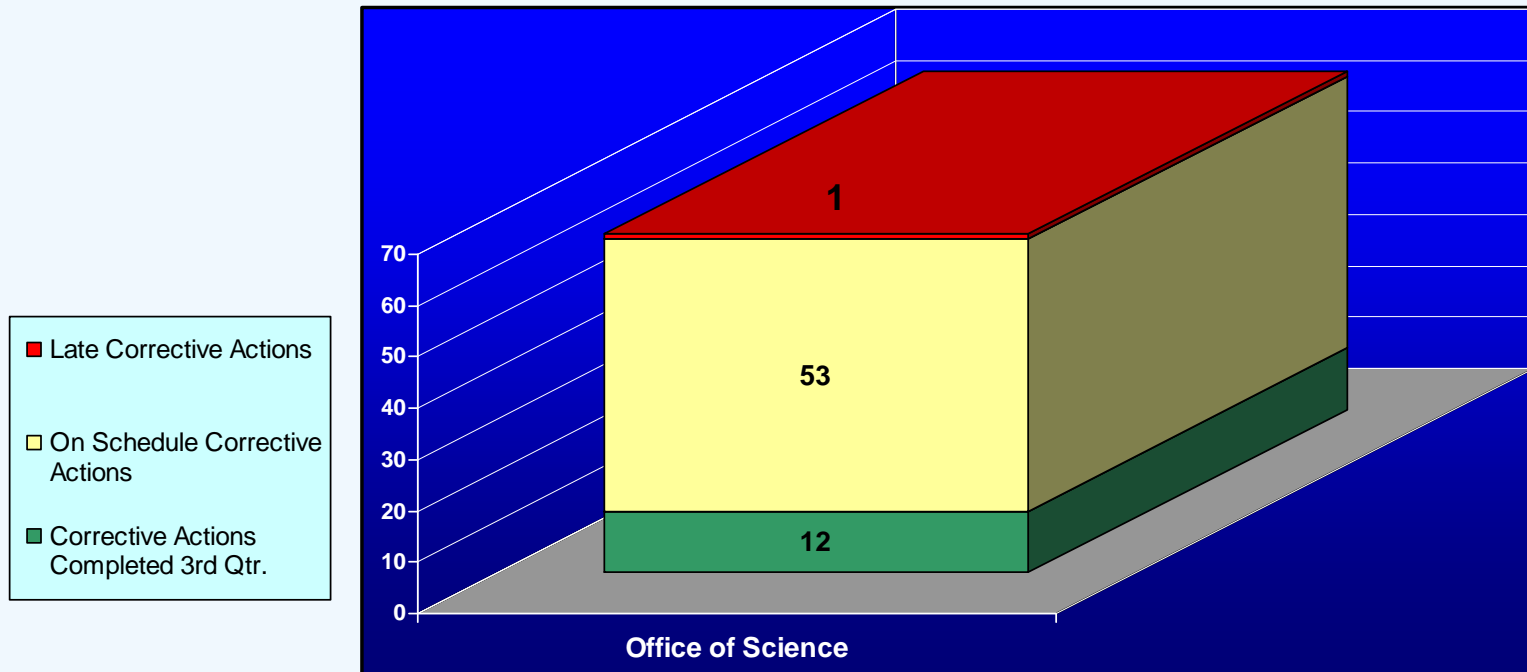


**Under Secretary for Science**

# Under Secretary for Science Summary

<b>New Assessment Reports this Quarter</b>	<b>0</b>
CAPs Pending Approval – Approval On Schedule	0
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	0
<b>Total CAPs Pending Approval</b>	<b>0</b>
<b>Approved CAPs Completed This Quarter</b>	<b>0</b>
Approved CAPs – On Schedule	3
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>3</b>
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>0</b>
Corrective Action Effectiveness Reviews – On Schedule	2
Corrective Action Effectiveness Reviews – Approval OVERDUE	0
<b>Total Pending Effectiveness Reviews</b>	<b>2</b>

# Summary of Corrective Actions for the Under Secretary for Science



OFFICE OF SCIENCE	All SC
Total Active Reports	6
Total Findings	88
Total Corrective Actions	609
Completed Corrective Actions	555
Open Corrective Actions	54
Late Corrective Actions	1
On Schedule Corrective Actions	53
Corrective Actions Completed 3 <sup>rd</sup> Qtr.	12

# Director, Office of Science

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## Late Corrective Actions

**ARGONNE NATIONAL LABORATORY:**

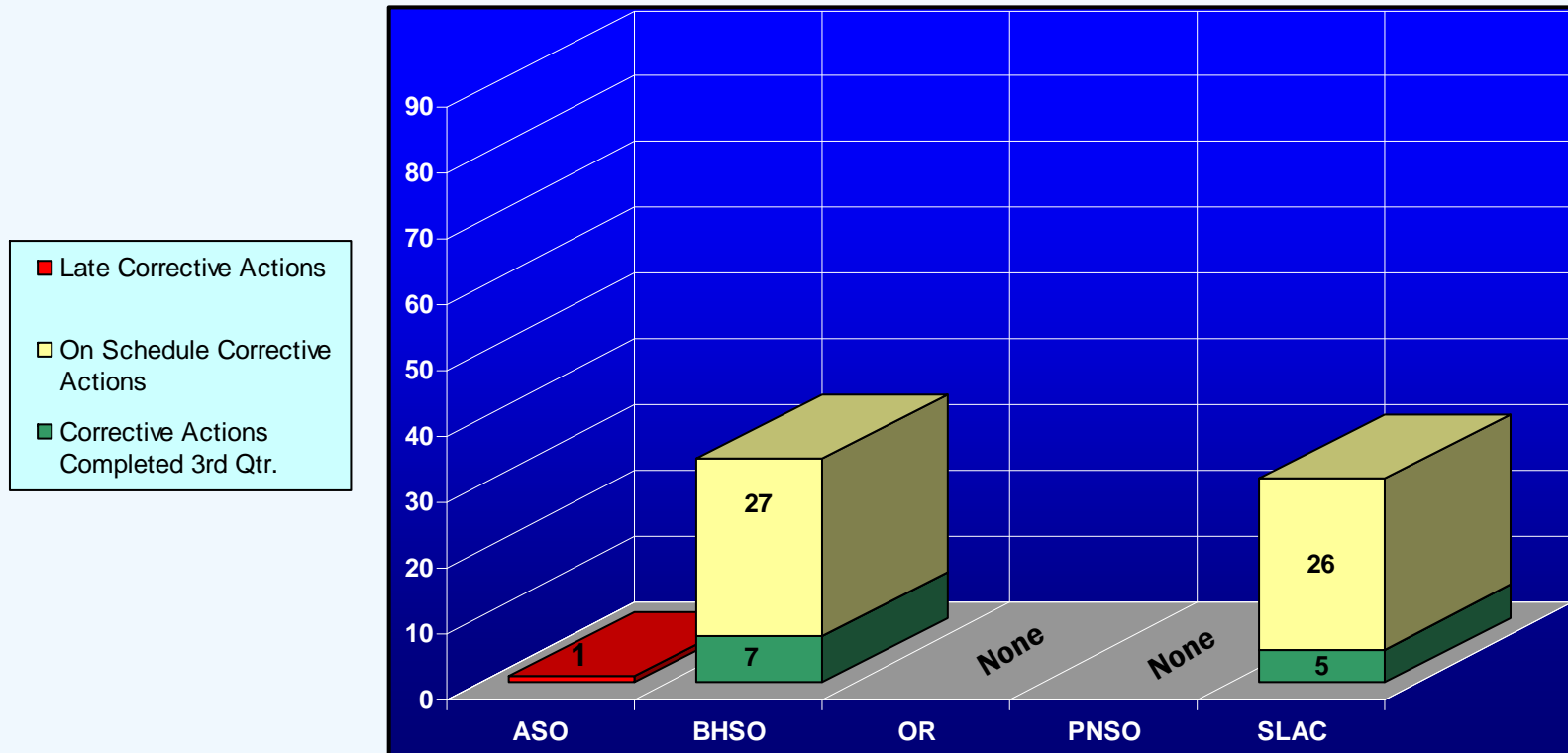
**Report Number: ANLE-07/07/2005-0001-R-ES&H**

**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"**

**OFFICE OF SCIENCE TOTAL LATE CORRECTIVE ACTIONS: 1**



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



SCIENCE SITE	ASO	BHSO	OR	PNSO	SLAC	TOTALS
<b>Total Active Reports</b>	1	2	2	0	1	6
<b>Total Findings</b>	24	15	35	0	14	88
<b>Total Corrective Actions</b>	263	87	170	0	89	609
<b>Completed Corrective Actions</b>	262	60	170	0	63	555
<b>Open Corrective Actions</b>	1	27	0	0	26	54
<b>Late Corrective Actions</b>	1	0	0	0	0	1
<b>On Schedule Corrective Actions</b>	0	27	0	0	26	53
<b>Corrective Actions Completed 3<sup>rd</sup> Qtr.</b>	0	7	0	0	5	12

# Status of Corrective Action Plans and Effectiveness Reviews

## Director, Office of Science

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

# Abbreviations Used In This Report

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