



# CORRECTIVE ACTION MANAGEMENT PROGRAM

## *Fourth Quarter Report for Fiscal Year 2008*

October 2008

Department of Energy  
Office of Corporate Safety Analysis

# TABLE OF CONTENTS

---

---

Department of Energy Summary.....	3
Administrator, National Nuclear Security Administration.....	6
Deputy Administrator for Defense Programs.....	10
Under Secretary of Energy.....	12
Assistant Secretary for Environmental Management.....	16
Assistant Secretary for Nuclear Energy.....	19
Under Secretary for Science.....	21
Director, Office of Science.....	25
Abbreviations Used in this Report.....	27

# DOE Corrective Action Management Program

## *Fourth Quarter Report for Fiscal Year 2008*

---

---

### Performance Summary

This report provides the fourth 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 as of September 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).

The Office of Environmental Management (EM) has consistently been on time with all CAMP-related actions for the past 8 quarters. EM also completed 16 corrective actions during the quarter. There were no overdue EM effectiveness reviews during the quarter.

The National Nuclear Security Administration (NNSA) had nine late corrective actions for the quarter, as compared with seven late corrective actions during the previous quarter. There was one late NNSA effectiveness review for the quarter. NNSA also completed 92 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 13 corrective actions and two effectiveness reviews during the quarter.

The Office of Nuclear Energy (NE) also had no late corrective actions or overdue effectiveness reviews for the quarter. NE completed 19 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:

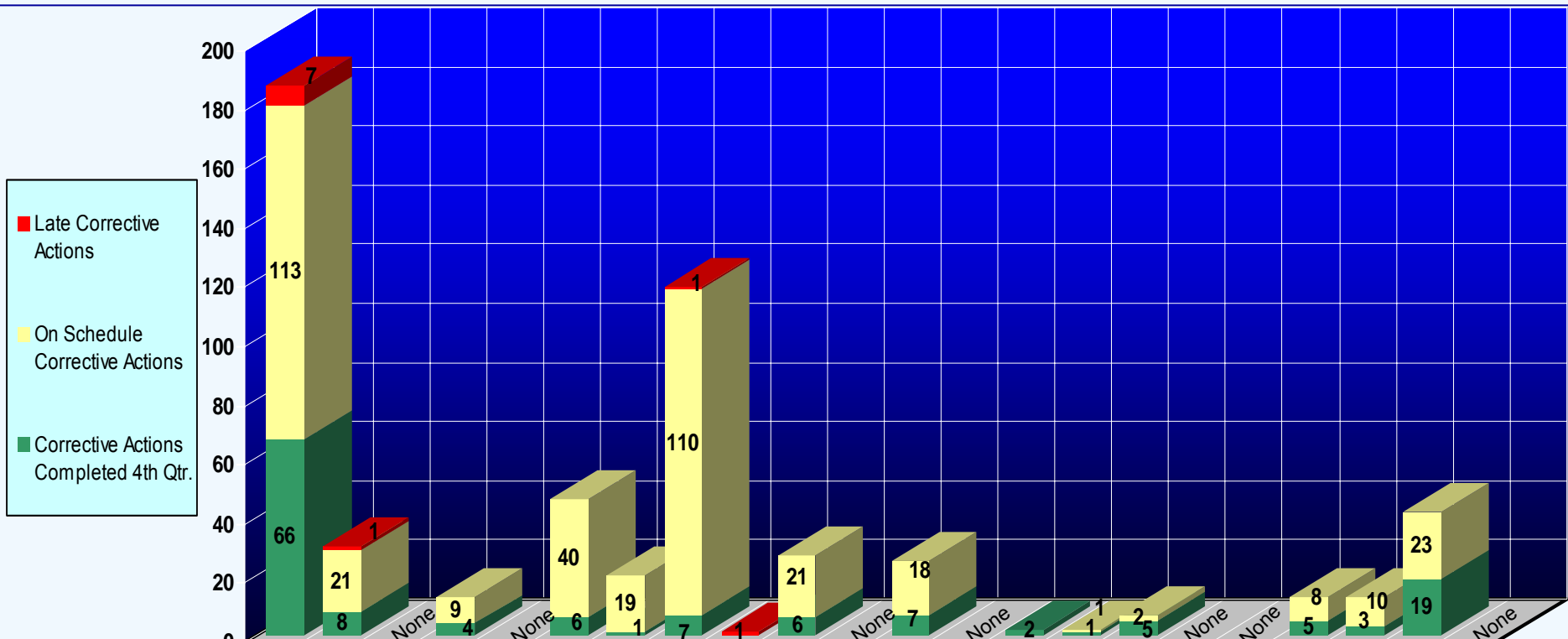
<http://www.hss.energy.gov/CSA/csp/camp/index.html>

# Department of Energy Summary

---

<b>New Assessment Reports this Quarter</b>	<b>2</b>
CAPs Pending Approval – Approval On Schedule	2
CAPs Pending Approval – Approval ≤ 60 Days OVERDUE	0
CAPs Pending Approval – Approval > 60 Days OVERDUE	1
<b>Total CAPs Pending Approval</b>	<b>3</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	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	PPPC	RL	SR	WIPP	INL	HS	TOTALS
PSO	NNSA										SC				EM						NE	HQ	TOTALS
Total Active Reports	4	3	1	3	3	3	4	3	1	3	2	1	1	1	1	1	1	2	3	1	3	1	46
Total Findings	71	50	3	28	36	25	62	32	24	23	35	14	5	3	24	16	6	29	41	13	35	4	579
Total Corrective Actions	351	244	5	94	50	98	355	226	263	87	170	89	0	44	92	95	20	223	233	91	311	4	3145
Completed Corrected Actions	231	222	5	85	50	58	336	115	262	66	170	71	0	44	91	93	20	223	225	81	288	4	2740
Open Corrective Actions	120	22	0	9	0	40	19	111	1	21	0	18	0	0	1	2	0	0	8	10	23	0	405
Late Corrective Actions	7	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
On Schedule Corrective Actions	113	21	0	9	0	40	19	110	0	21	0	18	0	0	1	2	0	0	8	10	23	0	395
CAs Completed 4 <sup>th</sup> Quarter	66	8	0	4	0	6	1	7	0	6	0	7	0	2	1	5	0	0	5	3	19	0	140

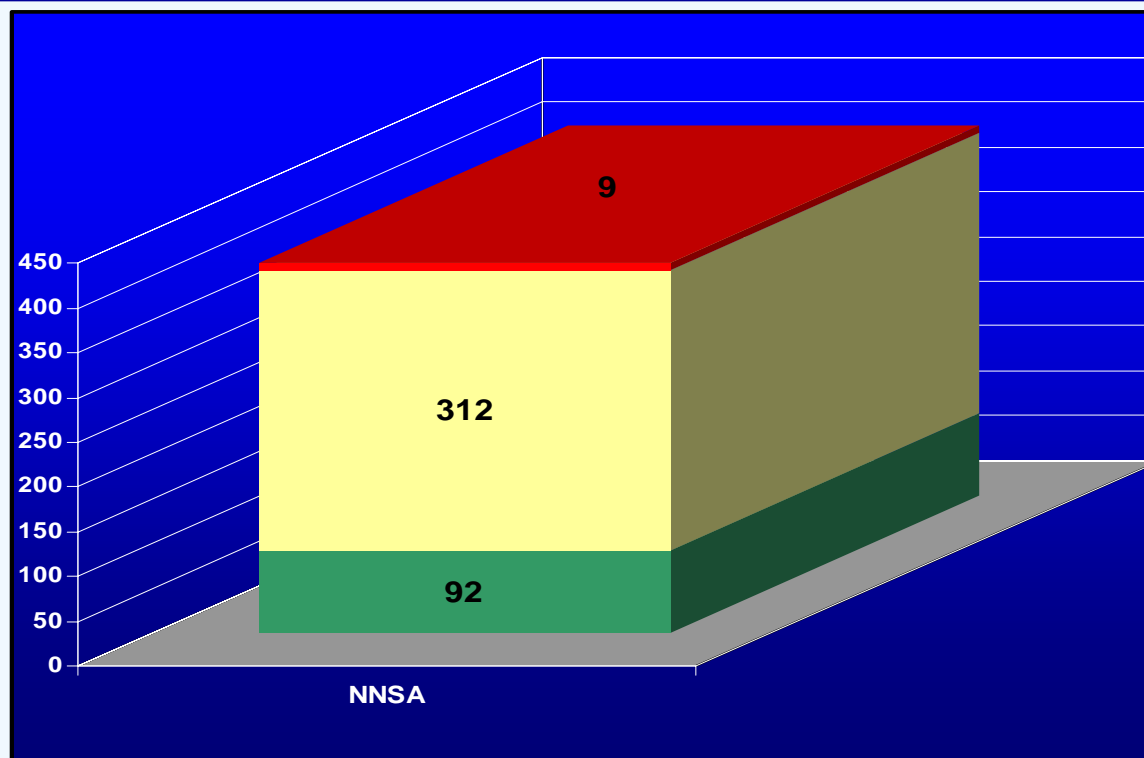


Administrator,  
National Nuclear Security Administration

# National Nuclear Security Administration

<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	1
Total CAPs Pending Approval	1
<b>Approved CAPs Completed This Quarter</b>	<b>1</b>
Approved CAPs – On Schedule	9
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	0
Total Approved CAPs Still Open	9
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>2</b>
Corrective Action Effectiveness Reviews – On Schedule	2
Corrective Action Effectiveness Reviews – Approval OVERDUE	1
Total Pending Effectiveness Reviews	3

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



NATIONAL NUCLEAR SECURITY ADMINISTRATION	All NNSA
Total Active Reports	24
Total Findings	307
Total Corrective Actions	1423
Completed Corrective Actions	1102
Open Corrective Actions	321
Late Corrective Actions	9
Corrective Actions on Schedule	312
Corrective Actions Completed 4 <sup>th</sup> Qtr.	92

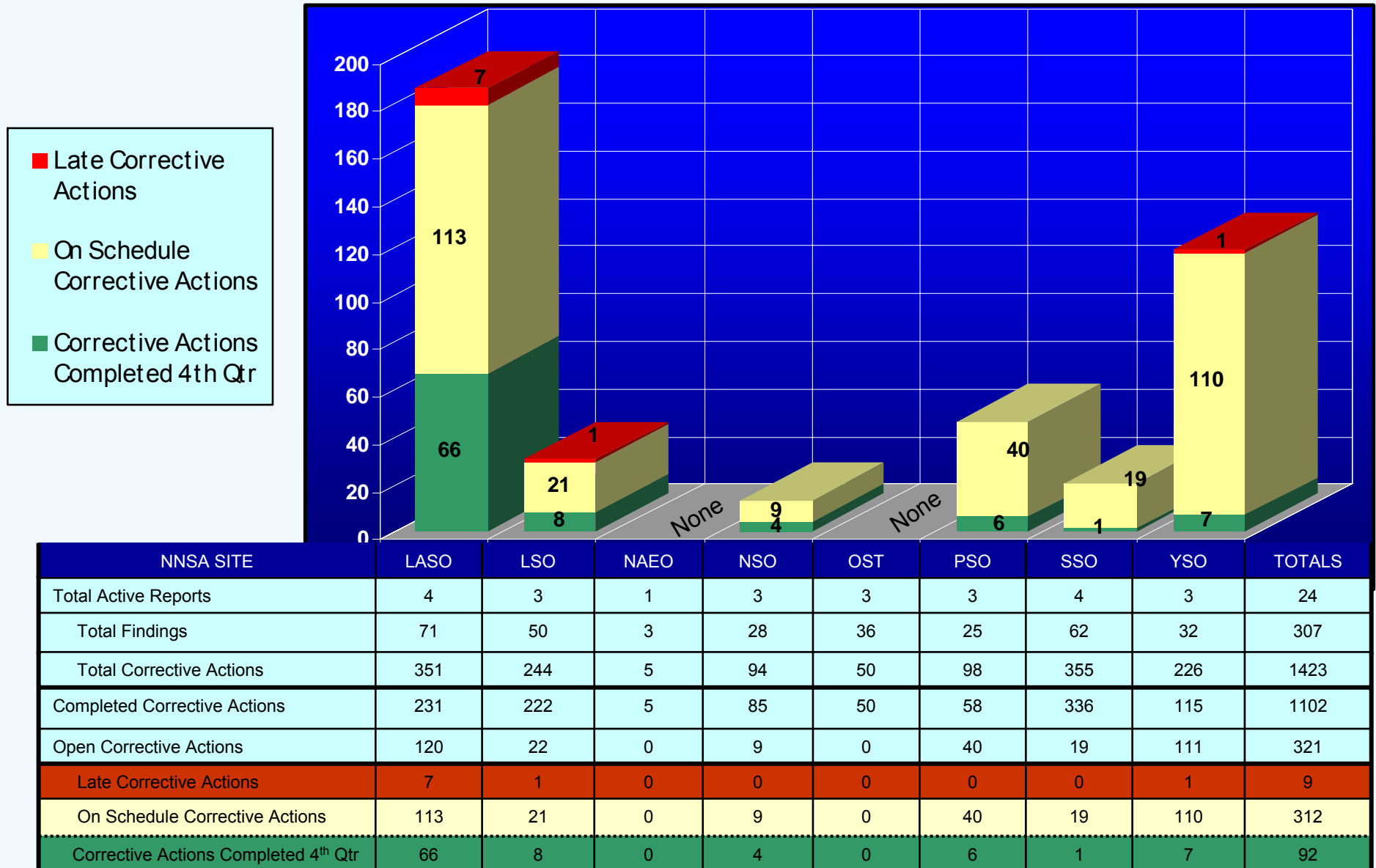


# Deputy Administrator for Defense Programs

## Late Corrective Actions

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: 7
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
Y-12 NATIONAL SECURITY COMPLEX Report Number: Y-12-06/30/2008-0002-R-ES&H Report Title: Independent Oversight Inspection of Environment, Safety, and Health Programs at the Y-12 National Security Complex, June 2008	
	Y-12 National Security Complex – Total Late Corrective Actions: 1
	<b>NNSA TOTAL LATE CORRECTIVE ACTIONS: 9</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>0</b>
<b>Corrective Action Plans Pending Approval – OVERDUE:</b> Report Number: OST-04/14/2008-0001-R-ASM Report Title: Final Report of the Office of Aviation Management-Aviation Program Audit of the Office of Secure Transportation’s Program Office for Aviation Operations, February 2008 Final Report Date: 04/14/2008 Office/Facility Reviewed: Office of Secure Transportation 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>9</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	<b>1</b>

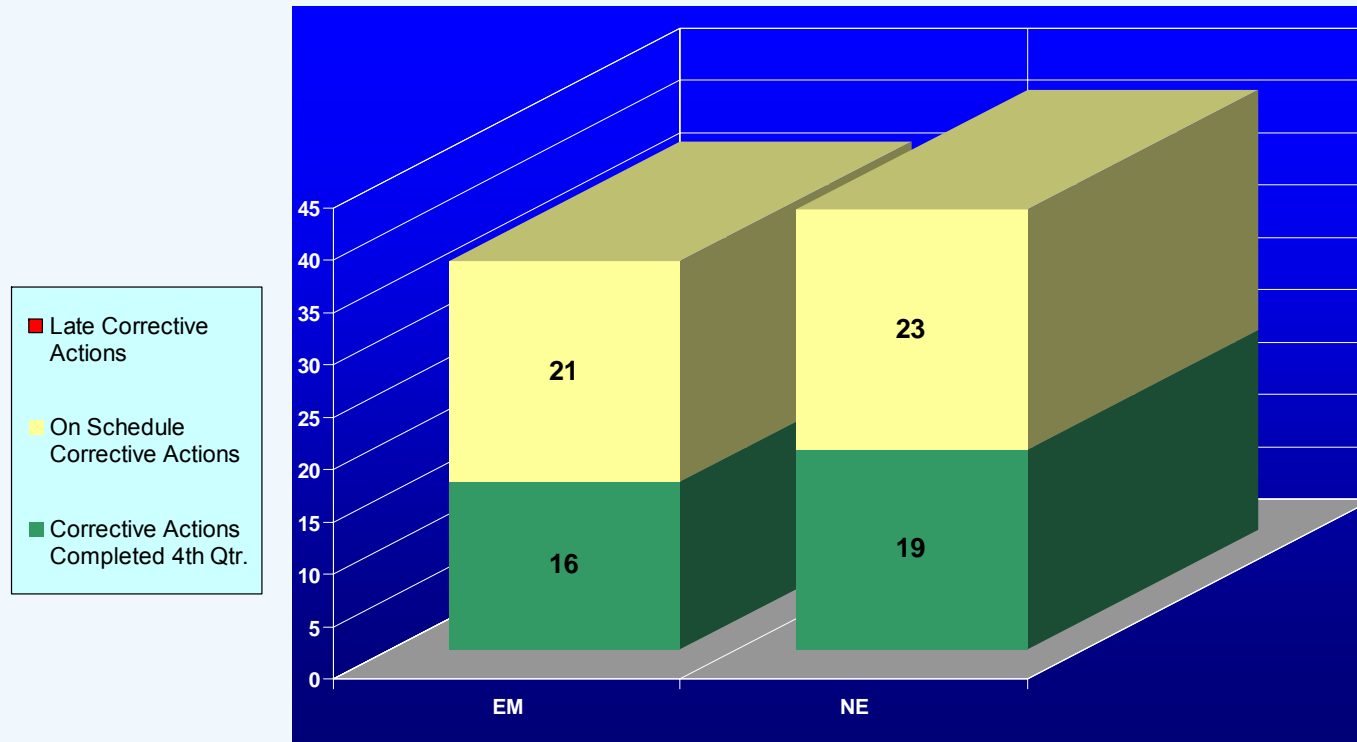


Under Secretary of Energy

# 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
Total CAPs Pending Approval	0
<b>Approved CAPs Completed This Quarter</b>	<b>1</b>
Approved CAPs – On Schedule	6
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	0
Total Approved CAPs Still Open	6
<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
Total Pending Effectiveness Reviews	2

# 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	777	288	1065
Open Corrective Actions	21	23	44
Late Corrective Actions	0	0	0
On Schedule Corrective Actions	21	23	44
Corrective Actions Completed 4 <sup>th</sup> Qtr.	16	19	35

# Assistant Secretary for Environmental Management

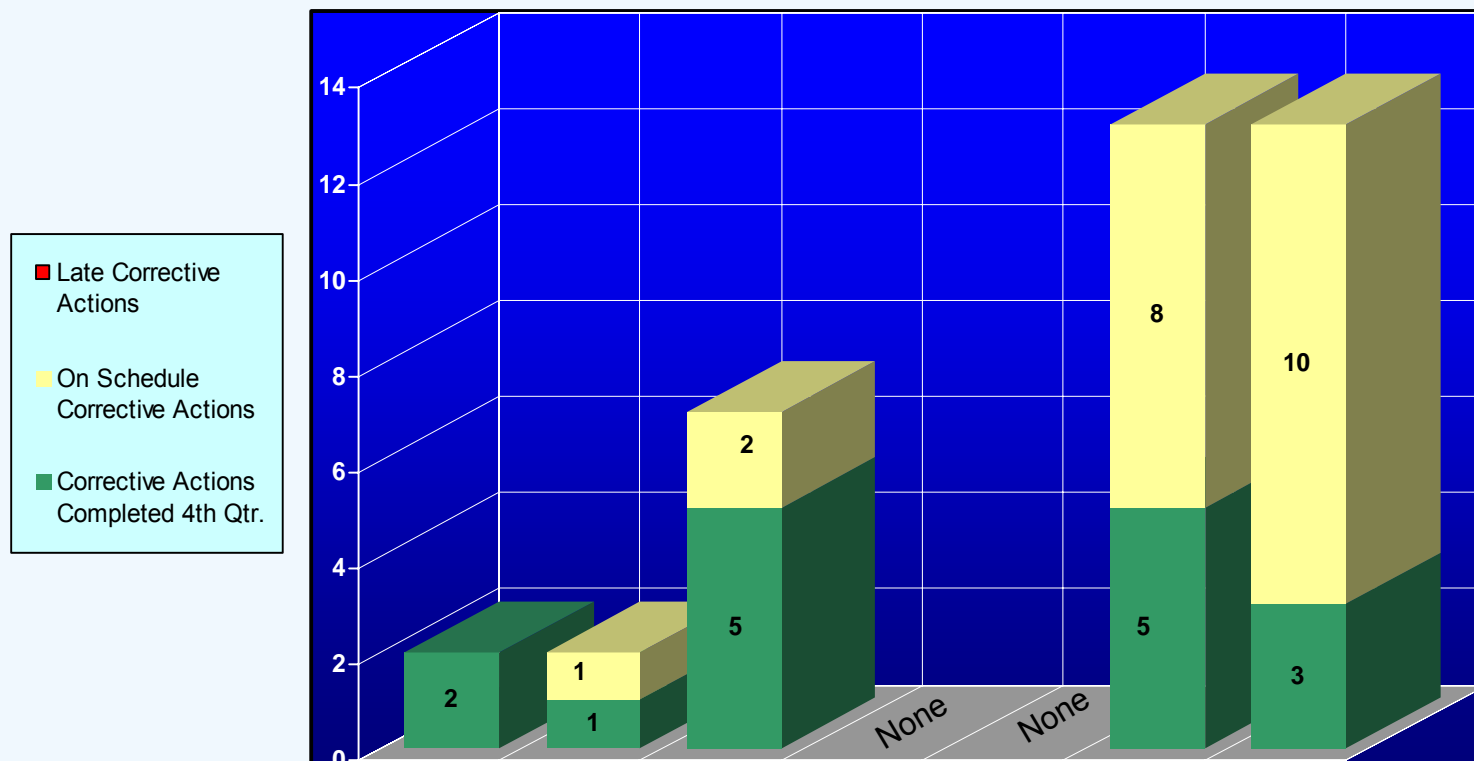
## Late Corrective Actions

---

---



# 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	1	1	1	2	3	1	10
Total Findings	3	24	16	6	29	41	13	132
Total Corrective Actions Since	44	92	95	20	223	233	91	798
Completed Corrective Actions	44	91	93	20	223	225	81	777
Open Corrective Actions	0	1	2	0	0	8	10	21
Late Corrective Actions	0	0	0	0	0	0	0	0
On Schedule Corrective Actions	0	1	2	0	0	8	10	21
Corrective Actions Completed 4 <sup>th</sup> Qtr.	2	1	5	0	0	5	3	16



## Status of Corrective Action Plans and Effectiveness Reviews Assistant Secretary for Environmental Management

---



---

<b>New Assessment Reports this Quarter:</b>	<b>0</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 – 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>1</b>	<b>Corrective Action Effectiveness Reviews – OVERDUE:</b>	<b>0</b>

# Assistant Secretary for Nuclear Energy

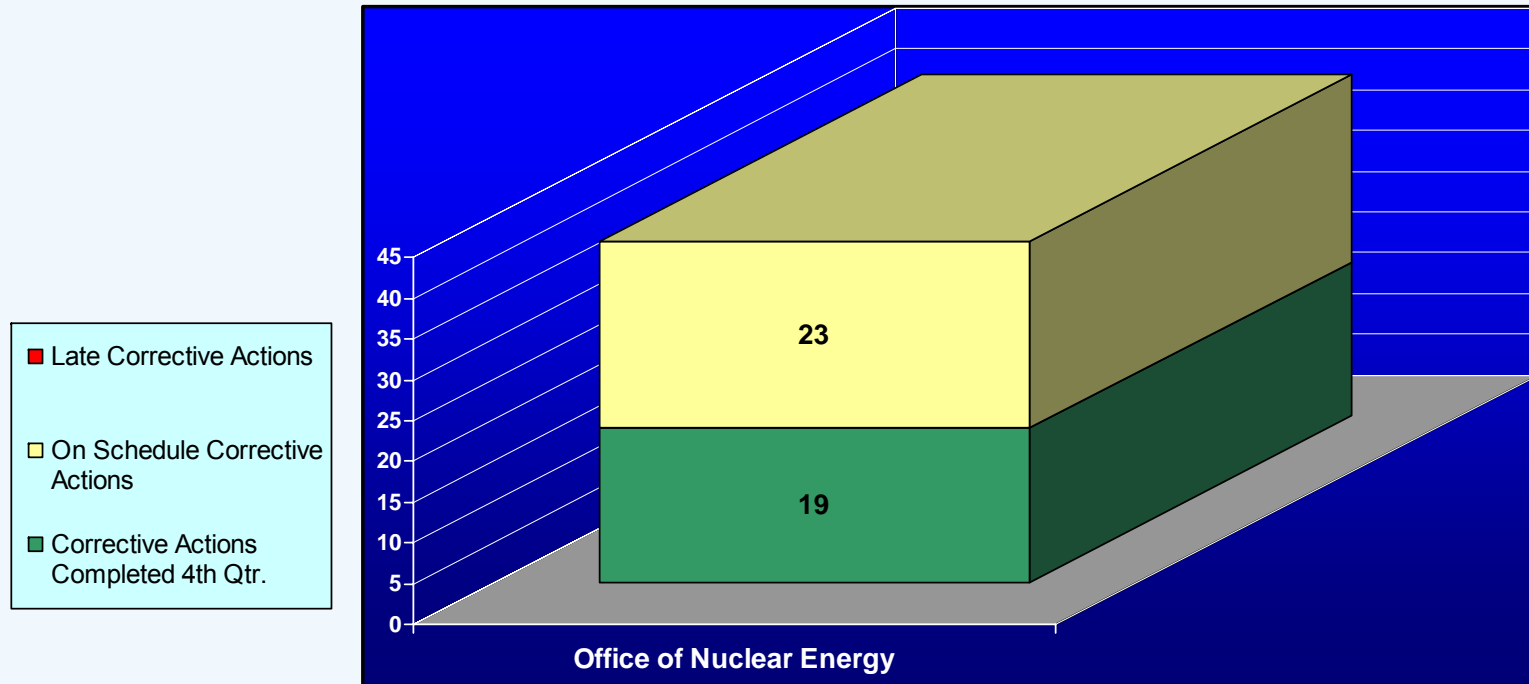
## Late Corrective Actions

---

---



# 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	288
Open Corrective Actions	23
Late Corrective Actions	0
On Schedule Corrective Actions	23
Corrective Actions Completed 4 <sup>th</sup> Qtr.	19

# Status of Corrective Action Plans and Effectiveness Reviews

## Assistant Secretary for Nuclear Energy

---



---

<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

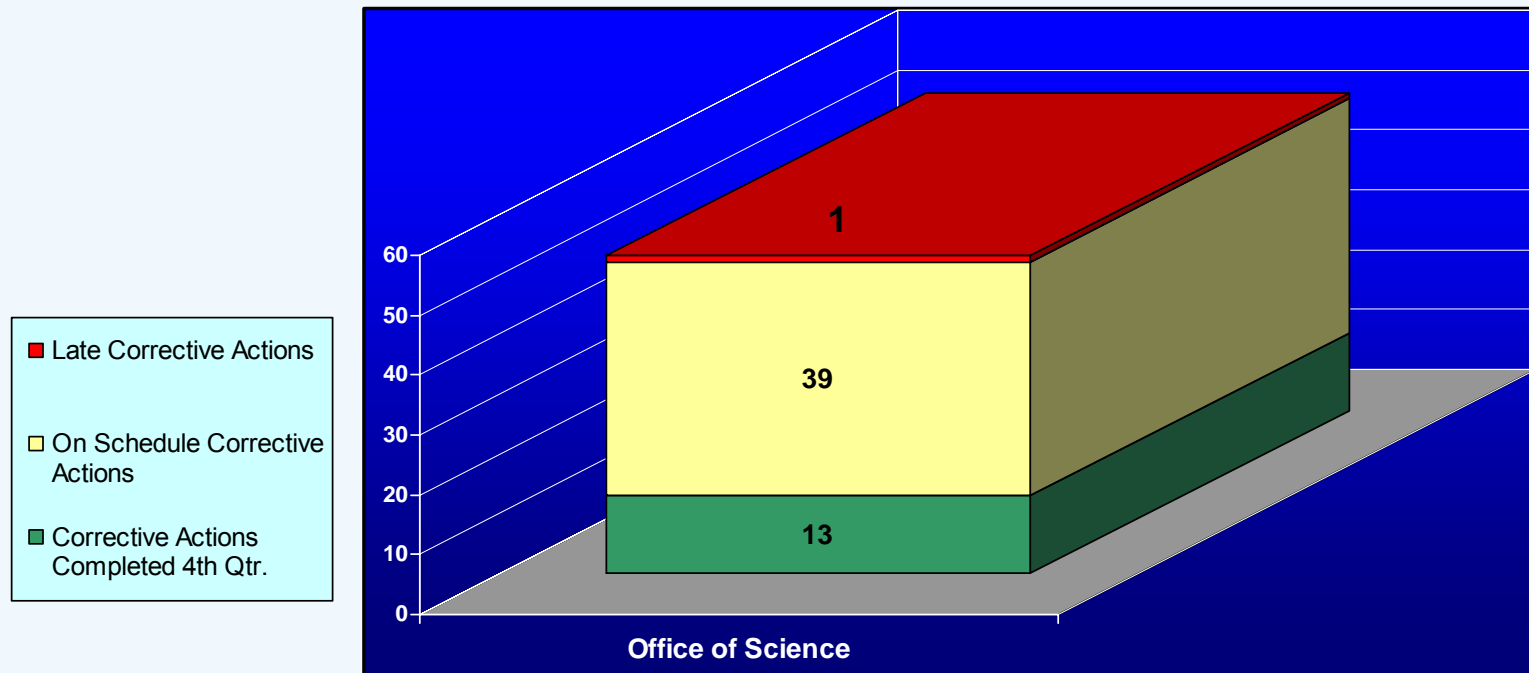
---



---

<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
Total CAPs Pending Approval	2
<b>Approved CAPs Completed This Quarter</b>	<b>0</b>
Approved CAPs – On Schedule	2
Approved CAPs – With Actions Open ≤ 90 Days OVERDUE	0
Approved CAPs – With Actions Open > 90 Days OVERDUE	1
Total Approved CAPs Still Open	3
<b>Corrective Action Effectiveness Reviews Approved This Quarter</b>	<b>2</b>
Corrective Action Effectiveness Reviews – On Schedule	0
Corrective Action Effectiveness Reviews – Approval OVERDUE	0
Total Pending Effectiveness Reviews	2

# Summary of Corrective Actions for the Under Secretary for Science



OFFICE OF SCIENCE	All SC
Total Active Reports	8
Total Findings	101
Total Corrective Actions	609
Completed Corrective Actions	569
Open Corrective Actions	40
Late Corrective Actions	1
On Schedule Corrective Actions	39
Corrective Actions Completed 4 <sup>th</sup> Qtr.	13

# Director, Office of Science

---

---

## Late Corrective Actions

ARGONNE NATIONAL LABORATORY:

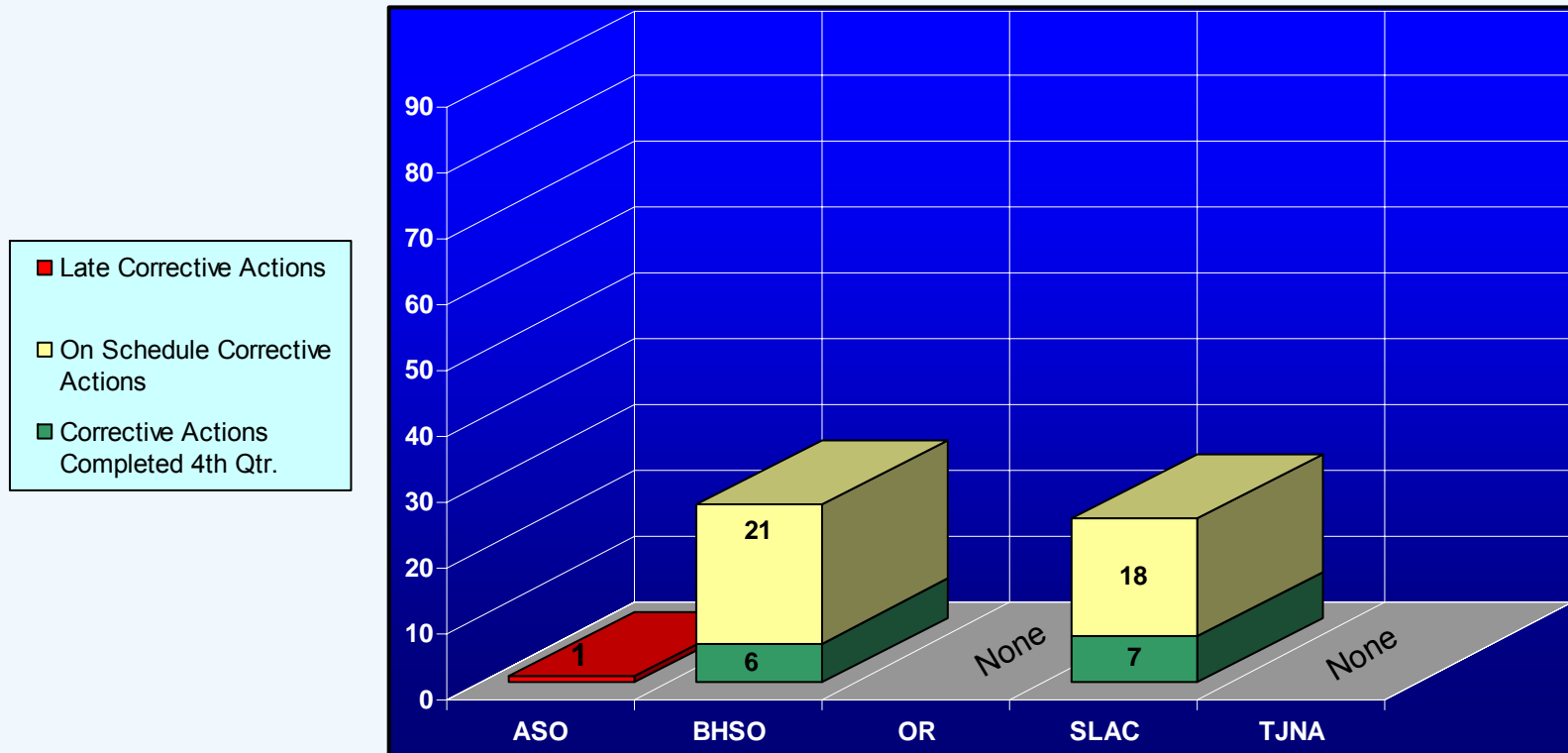
Report Number: ANLE-07/07/2005-0001-R-ES&H

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	SLAC	TJNA	TOTALS
Total Active Reports	1	3	2	1	1	8
Total Findings	24	23	35	14	5	101
Total Corrective Actions	263	87	170	89	0	609
Completed Corrective Actions	262	66	170	71	0	569
Open Corrective Actions	1	21	0	18	0	40
Late Corrective Actions	1	0	0	0	0	1
On Schedule Corrective Actions	0	21	0	18	0	39
Corrective Actions Completed 4 <sup>th</sup> Qtr.	0	6	0	7	0	13

# Status of Corrective Action Plans and Effectiveness Reviews

## Director, Office of Science

---

<b>New Assessment Reports this Quarter:</b>	<b>2</b>	<b>Number of Approved Corrective Action Plans – On Schedule:</b>	<b>2</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 – 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

---

---

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