

## Summary Report of Occurrences Reviewed From December 14 – 18, 2009

**Summary:** 24 occurrences at 13 sites reviewed during this period.

### Occurrences of Significant Interest (1)

#### **Explosive Safety – 1 occurrence at 1 site**

- **NA – Los Alamos National Laboratory (Significance Category 2).** On December 16, Shock and Detonation Physics Group researchers heard a loud unusual noise from Technical Area 15, Building 562 after firing a shot from a large-bore powder gun (LBPG). The audible report indicated that a system breach had occurred. The researchers were located in an adjacent bunker and they immediately placed all systems in a safe configuration. About twenty minutes later, the researchers checked the outside of TA-15-562 and saw that two doors had been blown off the facility. They also noticed that concrete shielding blocks on the west and east sides of the building were separated from the wall. The LBPG flanges were found on the asphalt outside of the TA-15-562 bunker. Power was isolated to the facility and access was restricted pending the completion of a structural review. No personnel injuries resulted from this event. A critique was held.

**Other Occurrences (23).** See Table (Note: The Table includes the occurrence listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	1	2	0	3	3
Near Miss	1	1	0	2	2
Authorization Basis	0	2	0	2	2
Radiological Concerns	0	1	0	1	1
Environmental	1	0	0	1	1
Fire Safety	0	1	0	1	1
Shipping/Quality Assurance	1	1	0	2	2
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	1	0	1	1
Conduct of Operations	1	2	1	4	4
Electrical Safety	0	0	0	0	0
Vehicle Accident	1	0	0	1	1
Equipment Failures	2	3	0	5	4
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	0	0	1	1
Other	0	0	0	0	0
<b>Total</b>	<b>9</b>	<b>14</b>	<b>1</b>	<b>24</b>	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	3	10	10	1

## Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(7 sites)
Office of Environmental Management	7 occurrences	(3 sites)
Office of Nuclear Energy	2 occurrences	(2 sites)
Office of Science	1 occurrence	(1 site)