

## Summary Report of Occurrences Reviewed From January 12 – 16, 2009

**Summary:** 21 occurrences at 15 sites reviewed during this period.

### Significant Occurrences (1)

#### **Radiological Control / External Exposure – 1 occurrence at 1 site**

- ***NE – Idaho National Laboratory (Significance Category 3).*** On January 12, a technician received an unknown radiation exposure to his left and right hands while working on an electromechanical manipulator grip drive forearm in the Manipulator Repair Group glovebox. A dose reconstruction analysis determined a dose of 57 mRem to the left hand and 30 mRem to the right hand. The unknown exposure resulted from the presence of two grip drive forearms in the glovebox. One part was old, highly contaminated and had a high field strength and the other was new, had low contamination, and a low field strength. The hot part had been transferred into the glovebox and there was no documentation to show that a survey of it had been done at that time. Lack of detail in the pre-job briefing led the technician to believe there was no significant radiological hazard present and therefore he chose to disregard two controls in the posted Radiological Work Permit.

**Other Occurrences (20).** See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Injury - Industrial Hygiene/Occupational Safety	1	0	2	3	3
Near Miss	1	0	0	1	1
Authorization Basis	1	1	0	2	2
Radiological Concerns	2	1	0	3	3
Environmental	1	0	0	1	1
Fire Safety	0	1	0	1	1
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	2	0	3	3
Electrical Safety	1	2	1	4	4
Vehicle Accident	1	0	0	1	1
Equipment Failures	1	1	0	2	2
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	0	0	0
Other	0	0	0	0	0
<b>Total</b>	<b>10</b>	<b>8</b>	<b>3</b>	<b>21</b>	

### **Secretarial Office Summary**

National Nuclear Security Administration	8 occurrences	(4 sites)
Office of Environmental Management	7 occurrences	(5 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Management	1 occurrence	(1 site)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	3 occurrences	(3 sites)