

Summary Report of Occurrences Reviewed

From January 15 – 19, 2007

Summary: 23 occurrences at 13 sites reviewed during this period.

Significant Occurrences (2)

Conduct of Operations – 1 occurrence at 1 site

- **EM- Hanford Site, Environmental Restoration Disposal Facility (Significance Category 3).** On January 12, 2007, a subcontract technician admitted to falsifying a number of entries into a soil compaction test log sheet without actually conducting the tests. Data records back to March 27, 2006 indicated 156 of the 238 total compaction test log entries did not have corresponding RWP entry signatures and are suspect.

Industrial Hygiene Exposure – 1 occurrence at 1 site

- **SC – Argonne National Laboratory-East (Significance Category 3).** On January 10, 2007, analytical results from an employee's passive mercury sampler dosimeter indicated a potential mercury over-exposure while the employee was observing mercury-gold amalgam processing during an official 12-day visit to Brazil. The time weighted average (TWA) concentration of airborne mercury in the employee's breathing zone were 55 and 75 micrograms per cubic meter (ug/m³), respectively, exceeding the OSHA eight-hour TWA limit of 25 µg/m³.

Other Occurrences (21). 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	2	2	2	6	6
Near Miss	0	0	0	0	0
Authorization Basis	3	2	0	5	5
Radiological Concerns	1	0	0	1	1
Environmental	0	0	0	0	0
Fire Safety	1	1	1	3	3
Shipping/Quality Assurance	0	0	0	0	0
Criticality Safety	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	1	0	0	1	1
Electrical Safety	1	1	0	2	2
Lockout/Tagout – Electrical	0	0	0	0	0
Equipment Failures	0	0	0	0	0
Suspect & Counterfeit Parts	2	2	1	5	4
Total	11	8	4	23	

Secretarial Office Summary

National Nuclear Security Administration	8 occurrences	(5 sites)
Office of Environmental Management	10 occurrences	(4 sites)
Office of Science	4 occurrences	(4 sites)
Office of Civilian Radioactive Waste Management	1 occurrence	(1 site)