

Summary Report of Occurrences Reviewed From January 11 – 15, 2010

Summary: 25 occurrences at 16 sites reviewed during this period.

Occurrences of Significant Interest (1)

Near Miss – 1 occurrence at 1 site

- EM – Idaho Cleanup Project (Significance Category 3).*** On January 8, while charging the batteries in a leased Manitowoc 4100 mobile crane, one of the batteries failed explosively, spreading battery acid and debris as far as 25 feet away. Some of the acid struck a worker causing three small first-degree burns to his forehead. No other personnel were in the immediate area. The air temperature earlier that morning was -22 degrees Fahrenheit and the diesel engine on the crane was difficult to start. After several unsuccessful attempts to start the engine, a portable battery charger was connected to charge the two 12-volt batteries in the crane. During charging, the worker heard an unusual hissing sound coming from the battery compartment and he approached the charger to turn it off. When he was about 4 feet away, the battery failed violently. The worker was medically evaluated and released. An extent of condition review was conducted for other similar crane batteries.

Other Occurrences (24). 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	3	2	1	6	6
Near Miss	1	0	0	1	1
Authorization Basis	0	1	1	2	2
Radiological Concerns	1	1	0	2	2
Environmental	1	1	0	2	2
Fire Safety	1	0	0	1	1
Shipping/Quality Assurance	1	0	0	1	1
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	0	1	0	1	1
Electrical Safety	0	0	0	0	0
Vehicle Accident	1	0	0	1	1
Equipment Failures	1	1	1	3	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	2	1	5	5
Other	0	0	0	0	0
Total	12	9	4	25	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	1	17	6	1

Secretarial Office Summary

National Nuclear Security Administration	9 occurrences	(5 sites)
Office of Environmental Management	11 occurrences	(7 sites)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	4 occurrences	(3 sites)