

Summary Report of Occurrences Reviewed From October 5 – 9, 2009

Summary: 31 occurrences at 14 sites reviewed during this period.

Occurrences of Significant Interest (2)

Injury – 1 occurrence at 1 site

- **EM – Savannah River Site (Significance Category 3).** On October 6, a Salt Waste Processing Facility (SWPF) construction worker received a severe left hand injury while performing crane boom cable lubrication on a 225-ton mobile crane (Manitowoc 888). The injury occurred when the lubrication rag that the worker was holding was caught by the crane cable and the worker's hand was pulled into a sheave pinch point. During the lubrication process, the worker told the crane operator that the lubricating rag caught on the cable and pulled his hand into the sheave. Management and emergency medical response notifications were made. The injured worker was transported to an area hospital where the worker was admitted. The injury caused severe damage to several fingers on his left hand requiring immediate medical treatment and subsequent surgery. Medical information was received that the loss of fingers was likely. The SWPF construction contractor issued a safety stand down for the work site following the event. An investigation of the event is ongoing. Pending the results of the investigation, all non-automatic cable lubrication is suspended.

Electrical Safety – 1 occurrence at 1 site

- **NA – Sandia National Laboratories (Significance Category 2).** On October 8, a subcontract electrician received an electrical shock to the left arm while performing work above the ceiling in Building 898. The electrician was working to remodel an existing basement area into lab and office space. The electrician's left forearm came in contact with an energized #12, 277-volt, 20-amp conductor and the metal ceiling grid, which resulted in the shock. The electrician was not performing work on electrical conductors or systems at the time of the shock. The electrician reported the event and was taken to medical and released back to work. A follow-up was requested by medical. Preliminary Electrical Severity score, based on dry conditions with no arc flash hazard (only one wire), and contact with a single 277-volt conductor with no injury, is 1650. Management notifications were made. Work was suspended and a meeting held with all construction site electricians.

Other Occurrences (29). 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	1	2	2
Near Miss	1	2	0	3	3
Authorization Basis	0	0	1	1	1
Radiological Concerns	1	1	0	2	2
Environmental	0	0	0	0	0
Fire Safety	0	0	1	1	1
Shipping/Quality Assurance	2	0	0	2	2
Criticality Concerns	0	0	0	0	0

Occurrence Category	Number of Occurrences				Number of Sites
	E&E	NNSA	SC	DOE Total	
Industrial Operations	0	0	0	0	0
Conduct of Operations	4	0	2	6	3
Electrical Safety	1	1	2	4	3
Vehicle Accident	0	1	0	1	1
Equipment Failures	2	2	0	4	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	2	1	5	5
Other	0	0	0	0	0
Total	14	9	8	31	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	2	18	11	0

Secretarial Office Summary

National Nuclear Security Administration	9 occurrences	(4 sites)
Office of Environmental Management	11 occurrences	(5 sites)
Office of Nuclear Energy	3 occurrences	(1 site)
Office of Science	8 occurrences	(4 sites)