

Summary Report of Occurrences Reviewed *From March 7 – 11, 2011*

Summary: 23 occurrences at 14 sites reviewed during this period.

Occurrences of Significant Interest (3)

Injury – 2 occurrences at 2 sites

- **NA – Los Alamos National Laboratory (Significance Category 3).** On March 8, a subcontractor worker, conducting building demolition at LANL Technical Area 21, Building 357, received burns to the left eye, face, neck, and wrists, while removing feed lines to a boiler. The worker was sprayed with sodium hydroxide/potassium hydroxide solution with a pH of 10, causing 2nd degree chemical burns to his left neck, left wrist (under his watch), right wrist (small area), and left face (orbit area). The employee flushed their eye onsite. The worker immediately reported to Occupational Medicine and was put into the shower for approximately 1 hour under the recommendation of the University of New Mexico (UNM) Burn Center. The worker received 2nd degree burns over approximately 5% of their body surface. The worker was also seen by an ophthalmologist where it was determined that there was no apparent burn to the worker's eye. The worker received first aid treatment for the burns, medication, and the burns were covered in antibiotic ointment and bandaged. The worker was directed to follow up with Occupational Medicine on March 9 and also will be seen at the UNM Burn Center. The worker was wearing the following personal protective equipment: safety glasses, hard hat, leather gloves, and safety shoes. The subcontractors involved believed that the feed lines had been purged and emptied of all material. An investigation is underway.
- **SC – Brookhaven National Laboratory (Significance Category 2).** On March 5, a worker was injured when struck in the right arm while cutting a section of a tree trunk. The worker was in a man-lift that was being operated by another employee. The man-lift operator stopped work and lowered the lift to the ground. The injured worker was taken to BNL Fire Rescue EMTs for treatment and was subsequently transported to the Stony Brook University Hospital. This job, as well as all elevated tree cutting operations, was stopped pending the results of an investigation. On March 8, due to the extent of the injury and the length of the hospital stay, a DOE Accident Investigation Board was appointed to review this event.

Vehicle Accident – 1 occurrence at 1 site

- **NA – Lawrence Berkeley National Laboratory (Significance Category 3).** On March 7, a shuttle bus, owned and operated by an LBNL contractor, injured a pedestrian in downtown Berkeley. The bus was making a right turn at a Berkeley downtown intersection when the driver heard a pounding sound on the outside panel of the bus. A pedestrian was yelling for the driver to stop, that someone was underneath the bus. The driver stopped, exited the bus, and saw a female pedestrian lying on the street

under the bus near the right front wheel well. The driver immediately contacted her supervisor via the bus radio. The supervisor promptly contacted the LBNL emergency number for a 911 call. Personnel from the Berkeley Police Department (BPD), the University of California Police Department, and the Berkeley Fire Department (BFD) arrived at the scene shortly after. The BFD firefighters removed the pedestrian from beneath the bus and transported her to the Highland Hospital Trauma Center in Oakland. According to the BPD statement, the pedestrian who banged on the bus, injured her hands. She was treated at the scene and released. The pedestrian, who was taken to the hospital, sustained injuries to her lower extremities and her condition is unknown at this time. The BPD is leading the ongoing investigation at this time.

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	2	1	1	4	4
Near Miss	0	0	0	0	0
Authorization Basis	1	0	0	1	1
Radiological Concerns	3	1	0	4	4
Environmental	1	0	0	1	1
Fire Safety	0	0	0	0	0
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 / LOTO	3	1	0	4	3
Electrical Safety	0	0	1	1	1
Vehicle Accident	0	0	1	1	1
Equipment Failures	2	1	0	3	3
Safeguards and Security	1	0	0	1	1
Suspect & Counterfeit Parts	3	0	0	3	3
Other	0	0	0	0	0
Total	16	4	3	23	

ORPS Significance Categories	OE	SC1	SC2	SC3	SC4	R
Totals for the Week:	0	0	1	11	10	1

Secretarial Office Summary

National Nuclear Security Administration	4 occurrences	(3 sites)
Office of Energy Efficiency and Renewable Energy	2 occurrences	(1 site)
Office of Environmental Management	12 occurrences	(6 sites)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Science	3 occurrences	(3 sites)