

Summary Report of Occurrences Reviewed From August 20 – 24, 2007

Summary: 23 occurrences at 15 sites reviewed during this period.

Significant Occurrences (8)

Injury – 2 occurrences at 2 sites

- **NA – DOE Headquarters (Significance Category 3).** On August 22, 2007, a Headquarters employee working at the Albuquerque Service Center slipped and fell while walking on the sidewalk near Building 393. The employee was diagnosed with a fractured left arm near the elbow. An investigation of the area found the sidewalk to be dry and flat with no apparent cause for the employee slip.
- **SC – Oak Ridge National Laboratory (Significance Category 3).** On August 15, 2007, an ORNL firefighter was injured while stepping down from a fire truck in the apparatus bay at the fire station, Bldg. 2500. As he stepped down, he felt a pop and a burning sensation in his left knee. He experienced swelling and immobility of the knee, and sought medical treatment on July 18, 2007. Follow-up evaluations revealed a stress fracture to the kneecap, which was confirmed by ORNL Medical on August 6, 2007. The employee remains on restriction from normal work duties.

Near Misses – 2 occurrences at 1 site

- **NA– Sandia National Laboratories - SS (Significance Category 3).** On August 21, 2007, an employee in Building 894 was operating a 500-ton hydraulic press to press battery electrolyte oxide pellets. Upon activation of the press, a brass slug was pinched by the solid aluminum safety shield and was unexpectedly projected out of the press, striking a nearby lamp and breaking its glass cover. There were no personnel injuries. All work on the hydraulic press was stopped immediately, and the press was administratively locked out pending completion of a root cause analysis.
- **NA– Sandia National Laboratories - SS (Significance Category 3).** On August 21, 2007, while using a truck mounted manual shredding unit to shred paper, a piece of Lucite® approximately 1"x2"x2" ricocheted off the inside of the truck narrowly missing the contractor's head. The contractor running the shedder was not wearing eye protection. Paper shredding operations were placed on hold until a tailgate meeting was conducted.

Criticality Safety – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 3).** On August 15, 2007, during a walk-down, two different criticality safety postings were found on a glovebox that was non-compliant with the current Criticality Safety Limit Approval. Upon further examination it was determined that there was more material in the box than allowed by the posting. Notifications were made, and personnel re-located an item to another Material Accountability Safeguards System location, tagged out the glovebox, and removed the outdated posting.

Industrial Hygiene Exposure – 1 occurrence at 1 site

- **SC– Lawrence Berkley National Laboratory (Significance Category 2).** On August 17, 2007, while pressurizing a recently installed mercury porosity meter, a vendor technician removed a valve, causing an elemental mercury spill in room 6208 of building 67. The area was cleaned up. However, additional mercury was found on a nearby lab bench. Signs were posted to control access to the area. Surveys determined that room 6208, its vicinity, and the 6th floor hallway had surface contamination above LBNL mercury release limits. Measurements for airborne mercury were negative. Testing of staff members detected no personal contamination.

Fire Safety – 2 occurrences at 2 sites

- **EM – Hanford Site (Significance Category OE).** On August 16, 2007, the Hanford Emergency Operations Center was activated due to a large and fast-moving fire that crossed Highway 240 and moved onto the Hanford Site. The DOE Hanford Fire Department and the U.S. Fish and Wildlife Service responded to fight the fire, and the fire in the central portion of the Hanford Site was contained. The fire burned about 8,300 acres, but no facilities were affected. Sampling from multiple sites reveals no release of radioactive contamination.
- **NE – Idaho National Laboratory (Significance Category OE).** On August 17, 2007, the Idaho National Laboratory (INL) Fire stations 1 & 2, and the Bureau of Land Management (BLM) responded to a brush fire in area 58, section 36, burning partially on INL property. The Central Facilities Area (CFA) Emergency Command Center (ECC) was activated. The fire was contained, after burning approximately 2,700 acres. There were no injuries and the cause of the fire is under investigation.

Other Occurrences (15). 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	0	1	2	3	3
Near Miss	0	3	0	3	1
Authorization Basis	1	1	0	2	2
Radiological Concerns	0	3	0	3	2
Environmental	0	1	0	1	1
Fire Safety	2	1	0	3	3
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	1	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations	2	1	0	3	3
Electrical Safety	0	0	1	1	1
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	2	0	2	1
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	1	0	0	1	1
Other	0	0	0	0	0
Total	6	14	3	23	

Secretarial Office Summary

National Nuclear Security Administration	14 occurrences	(7 sites)
Office of Energy Efficiency and Renewable Energy	1 occurrence	(1 site)
Office of Environmental Management	4 occurrences	(3 sites)
Office of Nuclear Energy, Science and Technology	1 occurrence	(1 site)
Office of Science	3 occurrences	(3 sites)