

Summary Report of Occurrences Reviewed

From July 21 – 28, 2006

Summary: 33 occurrences at 16 sites reviewed during this period.

Significant Occurrences (5)

Injuries – 1 occurrence at 1 site

- **RW – Yucca Mountain Project (Significance Category 3)**. On July 21, 2006, a subcontract employee suffered a finger tip amputation while performing maintenance activities on a paper shredder. The employee was transported by ambulance to the local medical center for treatment.

Occupational Safety/Industrial Hygiene Concerns – 1 occurrence at 1 site

- **Los Alamos National Laboratory (Significance Category 3)**. On July 21, 2006, all employees were evacuated from TA-16, Building 260 due to the airborne release of an unknown substance. Affected employees were medically evaluated and released with no restrictions.

Near Misses – 2 occurrences at 2 sites

- **SC – Oak Ridge National Laboratory (Significance Category 3)**. On July 21, 2006, an empty helium gas cylinder was abruptly pulled into the strong magnetic field of a Nuclear Magnetic Resonance (NMR) instrument. The cylinder initiated a magnetic "quench" that could not be stopped as it lodged against the NMR housing, and subsequently caused significant damage to the NMR. There were no personnel injuries.
- **NE – Idaho National Laboratory (Significance Category 4)**. On July 20, 2006, an overhead battery-powered emergency lighting unit fell 15 feet from its mounting bracket striking the floor. There were no personnel injuries.

Vehicle Accident – 1 occurrence at 1 site

- **Lawrence Livermore National Laboratory (Significance Category 1)**. On July 25, 2006, an off-site vehicular fatality occurred involving a Laboratory employee returning to the Laboratory from a business trip.

Other Occurrences (28). See Table (Note: The Table includes the occurrences listed above).

Occurrence Category	Number of Occurrences			Number of Sites
	NNSA	ESE	DOE Total	
Injury – Industrial Hygiene/Occupational Safety	1	4	5	5
Near Miss	0	4	4	4
Authorization Basis	1	2	3	3
Criticality Concerns	1	0	1	1
Environmental	0	1	1	1
Shipping/Quality Assurance	0	1	1	1
Radiological Skin Contamination	0	2	2	2
Industrial Hygiene/Occupational Safety	1	0	1	1
Lockout/Tagout	0	1	1	1
Safeguards and Security	1	0	1	1
Conduct of Operations	3	3	6	6
Equipment Failures	1	1	2	2
Electrical Safety	1	0	1	1
Suspect & Counterfeit Parts	1	1	2	2
Industrial Operations	0	1	1	1
Vehicle Accident	1	0	1	1
Total	12	21	33	

Secretarial Office Summary

National Nuclear Security Administration	12 occurrences	(6 sites)
Office of Environmental Management	14 occurrences	(6 sites)
Office of Science	3 occurrences	(3 sites)
Office of Nuclear Energy	3 occurrences	(2 sites)
Office of Civilian Radioactive Waste Management	1 occurrence	(1 site)