

Summary Report of Occurrences Reviewed

From September 29 – October 6, 2006

Summary: 29 occurrences at 14 sites reviewed during this period.

Significant Occurrences (3)

Near Misses – 2 occurrences at 2 sites

- **Los Alamos National Laboratory (Significance Category 2).** On September 27, 2006, a scientist at the Los Alamos Neutron Science Center discovered a graduate research assistant performing unauthorized electrical troubleshooting inside a heating furnace power supply unit containing energized 480 and 400-VAC circuits without wearing PPE. The scientist immediately stopped work, placed the equipment in a safe configuration, and notified management.
- **EM – Paducah Gaseous Diffusion Plant (Significance Category 3).** On October 2, 2006, while opening an overhead roll-up door at the C-752-A Facility, the door's drive chain broke and fell 16 feet to the floor, landing approximately two feet from an employee, but there were no injuries.

Electrical Safety – 1 occurrence at 1 site

- **EM – Idaho National Laboratory (Significance Category 4).** On September 28, 2006, maintenance personnel performed work on a 480-volt air handling unit at the CPP-666 Facility without using the specified approved work hazard controls (i.e., arc flash calculation and specified electrical PPE). The workers, without authorization, inappropriately substituted another existing flash calculation that they believed could apply to the specific task and that provided a lower level of PPE protection. There were no personnel injuries.

Other Occurrences (26). 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	2	1	3	2
Near Miss	1	1	2	2
Authorization Basis	1	6	7	5
Radiological Concerns	1	1	2	2
Criticality Concerns	0	1	1	1
Environmental	1	0	1	1
Shipping/Quality Assurance	1	0	1	1
Conduct of Operations	3	0	3	2
Equipment Failures	2	1	3	3
Electrical Safety	1	2	3	3
Suspect & Counterfeit Parts	0	2	2	2
Industrial Operations	0	1	1	1
Total	13	16	29	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(7 sites)
Office of Environmental Management	12 occurrences	(8 sites)
Office of Science	1 occurrence	(1 site)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Legacy Management	1 occurrence	(1 site)