

Summary Report of Occurrences Reviewed

From August 18 – 25, 2006

Summary: 33 occurrences at 18 sites reviewed during this period.

Significant Occurrences (4)

Near Misses – 1 occurrence at 1 site

- **Sandia National Laboratory (Significance Category 3).** On August 17, 2006, while mounting a truck bumper pad on a loading dock at Building 11-59 (a Sandia facility located at the Pantex Plant), an employee drilled into the dock wall and unexpectedly penetrated a 208-volt conduit, contacting an energized conductor and tripping the breaker. There were no personnel injuries.

Fire Safety – 2 occurrences at 2 sites

- **SC – Stanford Linear Accelerator Complex (Significance Category 3).** On August 17, 2006, an electrical fire started in a section of the Positron Electron Project II tunnel, tripping the Very Early Smoke Detector Appliance smoke detection system. City of Palo Alto Fire Department personnel responded to the scene, ensured that no personnel were present in the facility, entered the tunnel enclosure, and put out the fire using two carbon dioxide hand-held extinguishers.
- **EM – Portsmouth Gaseous Diffusion Plant (Significance Category 2).** On August 19, 2006, fire department personnel responded to a fire water flow alarm at the X-7725 Building, and discovered a smoldering fire under a desk in an office cubicle. Three sprinkler heads had activated and the fire was quickly extinguished. After confirming that the fire was completely out, the fire department manually shut the sprinklers off and de-energized power to the receptacles in the room.

CONOPS – 1 occurrence at 1 site

- **NE – Idaho National Laboratory (Significance Category 3).** On August 21, 2006, the Neutron Radiography Reactor was operating at full power (250 Kw) when the rod control function would not engage in the auto position, and an automatic reactor shutdown occurred. The reactor was restarted by reactor operations personnel. However, management permission to restart the reactor was not obtained, and an appropriate evaluation to fully understand the shutdown was not performed.

Other Occurrences (29). 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	0	2	2
Near Miss	1	1	2	2
Authorization Basis	2	4	6	5
Radiological Concerns	1	2	3	3
Criticality Concerns	0	1	1	1
Fire Safety	1	3	4	4
Safeguards and Security	1	0	1	1
Industrial Hygiene/Occupational Safety	0	1	1	1
Lockout/Tagout	0	2	2	2
Conduct of Operations	0	1	1	1
Equipment Failures	3	1	4	2
Electrical Safety	2	2	4	2
Suspect & Counterfeit Parts	0	1	1	1
Industrial Operations	0	1	1	1
Total	13	20	33	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(7 sites)
Office of Environmental Management	10 occurrences	(7 sites)
Office of Science	5 occurrences	(3 sites)
Office of Nuclear Energy	5 occurrences	(2 sites)