

Summary Report of Occurrences Reviewed

From June 25 – 29, 2007

Summary: 42 occurrences at 18 sites reviewed during this period.

Significant Occurrences (10)

Injury – 2 occurrences at 2 sites

- **FE – Rocky Mountain Oil Test (Significance Category 2).** On June 21, 2007, a rig crew employee was overcome by methane gas, and lost consciousness while working on a recently drilled oil well at NPR-3 near Midwest, WY. Other employees moved him to the ground and requested medical assistance. Emergency medical technicians administered oxygen, and the employee was transported via Life Flight to the Wyoming Medical Center in Casper, WY. The worker was treated, and released from the hospital the same day.
- **SC – Lawrence Berkeley National Laboratory (Significance Category 3).** On June 22, 2007, a 7-month pregnant employee slipped and fell on a wet floor where clean-up was in progress for a spill from an ice machine. The employee was driven to a hospital, examined and kept at the hospital two nights for observation and treatment.

Near Misses – 3 occurrences at 3 sites

- **EE – National Renewable Energy Laboratory (Significance Category 42).** On June 22, 2007, a small, 60 ml, glass reactor shattered during a heating process resulting in damage to a laboratory-grade microwave oven. As the glass reactor shattered into sand-sized particles they broke the door glass, and caused the microwave door to be thrown open. These were found up to twelve feet from the microwave. No one was injured.
- **NA – Sandia National Laboratory (Significance Category 3).** On June 21, 2007, a construction electrical subcontract electrician cut into a 120 volt, 20-amp energized circuit while terminating Variable Air Volume boxes. The electrician was using insulated side-cutters and was wearing standard PPE during the event. There was no electrical shock.
- **EM – Idaho National Laboratory (Significance Category 3).** On June 21, 2007, a cafeteria employee was operating a portable hot cooking oil filtration unit when the unit's return line hose split, and a small amount of 200°F cooking oil sprayed away from the employee onto a 2 foot by 2 foot section of wall by the deep fryer. No personnel were injured. The cook immediately shut down the filtration unit.

Electrical Safety – 1 occurrence at 1 site

- **NA – Lawrence Livermore National Laboratory - Nevada (Significance Category 3).** On June 7, 2007, qualified electrical workers at the Nevada Test Site Device Assembly Facility identified exposed 480 volt energized wires while performing preliminary investigation on a junction box. On June 19, 2007, a second discovery was made while workers were preparing for preliminary demolition activities when un-terminated, and exposed 120 VAC wires within a junction box were found using a proximity tester. This junction box had been previously de-energized by a lockout/tag-out (LOTO). Work in junction boxes was suspended.

Radiological Control – 1 occurrence at 1 site

- **SC – Oak Ridge National Laboratory (Significance Category 2).** On June 18, 2007, a site craft laborer received skin contamination of approximately 30,000 dpm during vent, purge, and drain activities. Initial decontamination efforts were unsuccessful and the employee was transferred to the site medical department for further de-contamination. Medical personnel summoned the local Radiation Emergency Assistance Center/Training Site (REACTS) team to assist in the effort. Work was suspended.

Vehicle Accident – 1 occurrence at 1 site

- **RW – Yucca Mountain Project (Significance Category 4).** On June 21, 2007, a Sandia employee traveling toward Mercury after work miscalculated the end of the road and drove off the road. The

employee notified security of the incident. The employee was medically evaluated and released at the scene as no injuries were sustained.

Environmental Compliance - 2 occurrences at 2 sites

- ***EM – Portsmouth Gaseous Diffusion Plant (Significance Category 4).*** On June 25, 2007, the U.S. Environmental Protection Agency and Ohio Environmental Protection Agency conducted an inspection of the Portsmouth Gaseous Diffusion Plant regarding Resource Conservation and Recovery Act (RCRA) and noted two administrative document violations. Required corrections have been made.
- ***NA – Lawrence Livermore National Laboratory (Significance Category 4).*** On June 25, 2007, San Joaquin County performed a Certified, Unified Program Agency (CUPA) inspection and issued a notice of violation for the hazardous waste generator areas at the maintenance mechanic shop when a worker, responding to the inspector's questions, stated that metal fines (i.e. grindings) from the grinder were swept up and discarded as industrial trash and that no characterization of the waste was done prior to disposal. Workers were briefed to not discard metal fines in industrial trash.

Other Occurrences (32). 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	3	1	1	5	5
Near Miss	2	1	0	3	3
Authorization Basis	6	1	0	7	4
Radiological Concerns	5	1	0	6	5
Environmental	1	2	1	4	4
Fire Safety	1	0	0	1	1
Shipping/Quality Assurance	0	0	0	0	0
Criticality Safety	0	1	0	1	1
Industrial Operations	0	0	0	0	0
Conduct of Operations	0	1	0	1	1
Electrical Safety	0	2	1	3	3
Vehicle Accidents	1	0	0	1	1
Equipment Failures	6	1	0	7	4
Safeguards and Security	0	1	0	1	1
Suspect & Counterfeit Parts	1	1	0	2	2
Other	0	0	0	0	0
Total	26	13	3	42	

Secretarial Office Summary

National Nuclear Security Administration	13 occurrences	(8 sites)
Office of Environmental Management	18 occurrences	(6 sites)
Office of Science	3 occurrences	(1 site)
Office of Nuclear Energy Science and Technology	4 occurrences	(1 site)
Office of Civilian Radioactive Waste Management	1 occurrence	(1 site)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Energy Efficiency and Renewable Energy	1 occurrence	(1 site)
Office of Management (DOE HQ)	1 occurrence	(1 site)