

## Summary Report of Occurrences Reviewed

*From June 18 – 22, 2007*

**Summary:** 34 occurrences at 17 sites reviewed during this period.

### **Significant Occurrences (7)**

#### **Radiological Control – 2 occurrences at 2 sites**

- **SC – Pacific Northwest National Laboratory (Significance Category 2).** On June 14, 2007, four PNNL staff members became contaminated from a leaking sealed 3.9 mCi Pu-238 instrument check source. Contamination was also found in three personal vehicles at two offsite residences, and in onsite work areas. Three of the staff members had skin contamination (one with positive nasal smears) and a fourth staff member had clothing contamination.
- **SC – Oak Ridge National Laboratory (Significance Category 3).** On June 14, 2007, four small radioactively contaminated items were discovered in clean trash with surface radioactivity levels in excess of 50,000 dpm/100 cm<sup>2</sup>. No other radioactive material was identified in the load of trash or in the bag in which the items were contained.

#### **Electrical Safety – 1 occurrences at 1 sites**

- **NA – Sandia National Laboratory (Significance Category 3).** On June 17, 2007, a metal wall panel being removed by workers pinched a neutral conductor, which shorted to ground and tripped a 20 amp breaker. There was no electrical shock. The Safety Officer was notified, work was suspended and the area was barricaded.

#### **Injury – 2 occurrences at 2 sites**

- **SC – Stanford Linear Accelerator Center (Significance Category 3).** On June 18, 2007, a worker was using an electric hand-held drill when it jammed and twisted, resulting in pain in his right wrist. He reported the event to his supervisor, and sought medical treatment the following day when the condition had not improved.
- **FE – Strategic Petroleum Reserve (Significance Category 3).** On June 20, 2007, a cavern engineer was injured during nitrogen release operations when a cam-lock fitting forcibly separated from a vacuum truck. The hose struck the engineer, knocking him down. He was treated at a local hospital for fractures to the right clavicle and released.

#### **Environmental Compliance - 2 occurrences at 2 sites**

- **EM – Savannah River Site (Significance Category 4).** On June 21, 2007, the South Carolina Department of Health and Environmental Control issued a Notice of Alleged Violation/Notice of Enforcement Conference to WSRC, in follow-up to a self-reported environmental concern at the 484-D powerhouse included in the latest WSRC annual report. The issue will be resolved in an upcoming Alleged Violation/Notice of Enforcement Conference on July 11, 2007.
- **NA – Los Alamos National Laboratory (Significance Category 3).** On June 9, 2007, the U.S. Environmental Protection Agency issued an Administrative Order (AO) identifying possible Clean Water Act violations following an inspection of the Chemistry and Metallurgy Research and Replacement Project construction site by the New Mexico Environment Department in April 2007. The alleged violations relate to documentation of material and equipment storage, documentation of corrective actions, and inadequacies in the storm water pollution prevention plan. The AO did not assess a monetary penalty but requires compliance within 30 days.

**Other Occurrences (27).** 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	2	1	1	4	4
Near Miss	0	1	0	1	1
Authorization Basis	2	2	0	4	4
Radiological Concerns	2	0	2	4	3
Environmental	1	3	0	4	3
Fire Safety	0	0	1	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	4	0	0	4	3
Electrical Safety	0	2	0	2	2
Vehicle Accidents	0	0	0	0	0
Equipment Failures	3	5	0	8	4
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	1	1	1
Other	0	0	0	0	0
<b>Total</b>	<b>14</b>	<b>15</b>	<b>5</b>	<b>34</b>	

### Secretarial Office Summary

National Nuclear Security Administration	15 occurrences	(7 sites)
Office of Environmental Management	11 occurrences	(5 sites)
Office of Science	5 occurrences	(4 sites)
Office of Nuclear Energy Science and Technology	1 occurrence	(1 site)
Office of Civilian Radioactive Waste Management	1 occurrence	(1 site)
Office of Fossil Energy	1 occurrence	(1 site)