

Summary Report of Occurrences Reviewed *From July 14 – 18, 2008*

Summary: 30 occurrences at 16 sites reviewed during this period.

Significant Occurrences (4)

Near Miss – 1 occurrence at 1 site

- **SC – Lawrence Berkeley Laboratory (Significance Category 3).** On July 9, a material handler at the Laboratory's off-site warehouse backed an 8,000-lb forklift into a wooden support column, splitting the base of the column and breaking a portion of it from the braces that held the column to the floor foundation. The base of the column slid approximately 3 feet and stopped. To stabilize the situation, the material handler backed the forklift against the column to prevent it from sliding further. There were no injuries. A temporary replacement wooden column was placed next to the broken one to safeguard the structure integrity of the overhead beam and a structural assessment was requested.

Electrical Safety – 1 occurrence at 1 site

- **SC – Brookhaven National Laboratory (Significance Category 3).** On July 14, during a job to install an upgrade to a cooling system for Lab A computer equipment, a worker cut through a conduit embedded in the concrete floor. The conduit contained an energized 115-VAC single circuit, with three conductors for dual control of room lighting. There was no indication that the utility was severed until examination of the waste cores revealed the cut conduit and electrical conductors. The power to the energized circuit was located and a lockout/tagout was applied. There were no injuries.

Equipment Degradation/Failure – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 2).** On July 9, Actinide Process Chemistry Group personnel were performing trolley operations in Room 431 of Building PF-4 at Technical Area 55. When personnel pressed the button to automatically lower the trolley bucket, the bucket fell approximately 6 feet. No personnel had their hands within the glovebox line at the time of the incident. The trolley bucket, which contained no material, did not break any glovebox windows or puncture any glovebox gloves so containment was maintained. Initial inspection shows that the trolley cable snapped. Although the reason for this is presently unknown, the trolleys have been used beyond their normal-use life span. For much of the past 30 years there has not been any formal maintenance program or preventive maintenance for the Trolley Hoist Conveyance System.

Suspect/Counterfeit Items - Defective Items – 1 occurrence at 1 site

- **EM – Savannah River Site (Significance Category 2).** On July 16, Washington Savannah River Company (WSRC) reported the findings of an audit conducted of Wright Industries, Inc. (WII) on June 9-13, 2008. The audit was to verify WII's compliance with the quality assurance requirements contained within WSRC purchase orders. The general conclusion of the audit team is that the WII Quality Assurance Program is not being effectively implemented for components being fabricated for WSRC. This conclusion is based on multiple findings. Significant issues related to WII's management of quality for sub-tier suppliers on WSRC's purchase orders were identified. Also, the audit team found that WII

has not consistently flowed down the WSRC quality requirements to sub-tier suppliers, and WII has not adequately performed qualification audits on all sub-tier suppliers performing work for WSRC. Consequently, work was suspended on current purchase orders on June 11, 2008. A Compensatory Action Plan was approved and incorporated into a purchase order by Change Notice, and an extent of condition review and evaluation is being conducted.

Other Occurrences (26). 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	0	1	0	1	1
Near Miss	0	2	2	4	4
Authorization Basis	3	3	0	6	6
Radiological Concerns	2	0	0	2	2
Environmental	1	2	0	3	2
Fire Safety	0	1	0	1	1
Shipping/Quality Assurance	0	0	0	0	0
Criticality Concerns	0	0	0	0	0
Industrial Operations	0	0	0	0	0
Conduct of Operations	2	1	0	3	3
Electrical Safety	0	1	1	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	3	0	3	3
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	2	3	0	5	4
Other	0	0	0	0	0
Total	10	17	3	30	

Secretarial Office Summary

National Nuclear Security Administration	17 occurrences	(6 sites)
Office of Environmental Management	7 occurrences	(5 sites)
Office of Fossil Energy	1 occurrence	(1 site)
Office of Nuclear Energy	2 occurrences	(1 site)
Office of Science	3 occurrences	(3 sites)