

Summary Report of Occurrences Reviewed From May 12 –16, 2008

Summary: 25 occurrences at 18 sites reviewed during this period.

Significant Occurrences (5)

Near Misses – 4 occurrences at 4 sites

- **NA – Savannah River Site (Significance Category 4).** On May 12, while lifting a 150-foot long pipe spool off its temporary support stands to move it from the fabrication area to a storage area, the rigging slipped on one end causing the unsupported end of the spool to dip to the ground. The pipe spool was not damaged. No one was injured; however, there were personnel in close proximity to the dropped load. The work was stopped and supervision was notified. The incident is under investigation.
- **EE – National Renewable Energy Laboratory (Significance Category 3).** On May 12, while lifting a 20-foot long, 3,800-pound load, a sling failed dropping one end of the load to the ground. The load was 1 foot from the ground when the sling, rigged in a choker hitch configuration, spilt approximately 18 inches from the eye-end of the sling. The load was previously off-loaded from a flatbed truck using the sling, which was one of two brand new slings rated for 5,000 pounds and rigged at each end of the load. The slings were pre-inspected and deemed acceptable for use. No one was hurt and there was no property damage. The damaged sling was removed from service and preserved for incident investigation.
- **SC – Stanford Linear Accelerator Center (Significance Category 4).** On May 12, at the Stanford Synchrotron Radiation Laboratory (SSRL), a 2-inch diameter view port on a pressurized chamber at Beamline 10-1 ruptured and pieces of glass struck a visiting researcher in the chest area, causing an abrasion and contusion. The chamber was pressurized to 110 psi using house air. No relief device was installed on the chamber as required. The researcher was taken to medical. The air pressure to the chamber was secured and an investigation was promptly initiated.
- **EM – Hanford Site, Office of River Protection (Significance Category 3).** On May 9, while performing preventive maintenance on Trailer T-3A HVAC, two Construction Utility Group electricians were exposed to an energized 480-volt source when they inadvertently removed the hot side cap on a temporary power cord instead of the cold side cap. When they removed the wires from the cord, an arc and pop occurred. There were no injuries. The preventive maintenance work was halted and an investigation was initiated.

Conduct of Operations – 1 occurrence at 1 site

- **NA – Savannah River Site (Significance Category 4).** On May 14, the MOX Fuel Fabrication Facility reported receiving a Notice of Violation from the Nuclear Regulatory Commission (NRC) regarding the findings of a February 2008 NRC inspection. NRC inspectors discovered that Shaw AREVA MOX Services failed to ensure reinforcing steel bars being used in the MOX Aqueous-Polishing Building met the minimum bend diameter specified in American Concrete Institute (ACI) 349-97. This finding generated Condition Report CR-20080198. Shaw AREVA MOX Services also failed to provide adequate resolution to justify the use of nonconforming number 11 reinforcing steel splices, which did

not meet the design or ACI code requirements, resulting in Condition Report CR-20080199. No immediate action is identified; however, the NRC requires a written statement or explanation on both condition reports by May 30, 2008.

Other Occurrences (20). 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	2	0	2	2
Near Miss	2	2	1	5	5
Authorization Basis	0	1	0	1	1
Radiological Concerns	1	1	0	2	2
Environmental	0	0	1	1	0
Fire Safety	0	1	0	1	1
Shipping/Quality Assurance	0	0	2	2	2
Criticality Concerns	0	1	0	1	1
Industrial Operations	1	0	0	1	1
Conduct of Operations	1	1	0	2	2
Electrical Safety	0	0	0	0	0
Vehicle Accident	0	0	0	0	0
Equipment Failures	1	0	0	1	1
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	5	0	1	6	5
Other	0	0	0	0	0
Total	11	9	5	25	

Secretarial Office Summary

National Nuclear Security Administration	9 occurrences	(7 sites)
Office of Environmental Management	9 occurrences	(5 sites)
Office of Energy Efficiency and Renewable Energy	1 occurrence	(1 site)
Office of Nuclear Energy	1 occurrence	(1 site)
Office of Science	5 occurrences	(4 sites)