

Summary Report of Occurrences Reviewed From October 1 – 5, 2007

Summary: 19 occurrences at 12 sites reviewed during this period.

Significant Occurrences (3)

Electrical Safety – 1 occurrence at 1 site

- ***EM – Hanford Site (Significance Category 3).*** On September 27, 2007, a post-job review of actions was performed after the restoration of electrical power at Substation 9, following a circuit breaker trip. The review revealed that manually reenergizing the circuit breaker, after observing indications that the breaker operation was caused by a ground fault, was in violation of NFPA 70E Article 130.6 (K), Reclosing Circuits After Protective Device Operation. This article permits the reclosing of circuits only when it's determined that it is safe to do so from the design of the circuit and when the automatic operation of the over current device was caused by an overload rather than a fault condition.

Near Misses – 1 occurrence at 1 site

- ***EM – Hanford Site (Significance Category 3).*** On September 26, 2007, during demolition activities, the windshield of an excavator was struck by a piece of rebar that sprang free of a mass of concrete and rebar being repositioned by the excavator. Although the rebar pierced the windshield in one place, penetrating approximately 1 inch, the excavator operator was not struck by either the rebar or any debris.

Occupational Safety / Fall Protection – 1 occurrence at 1 site

- ***EM – East Tennessee Industrial Park (Significance Category 3).*** On September 21, 2007, a worker failed to maintain 100 percent fall protection, while installing fall protection measures (metal walking surfaces, harnesses, and safety lanyards) in support of electrical repair work. While relaying from one retractable lanyard to the next, the worker unlatched from one retractable lanyard before latching to the next retractable lanyard. Work was suspended pending analysis and corrective actions.

Other Occurrences (16). 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	0	2	4	4
Near Miss	1	0	0	1	1
Authorization Basis	3	1	0	4	3
Radiological Concerns	1	1	1	3	3
Environmental	0	0	0	0	0
Fire Safety	0	0	0	0	0
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	0	3	0	3	3

Electrical Safety	2	0	0	2	2
Vehicle Accident	0	0	0	0	0
Equipment Failures	0	0	2	2	1
Safeguards and Security	0	0	0	0	0
Suspect & Counterfeit Parts	0	0	0	0	0
Other	0	0	0	0	0
Total	9	5	5	19	

Secretarial Office Summary

National Nuclear Security Administration	5 occurrences	(4 sites)
Office of Environmental Management	7 occurrences	(4 sites)
Office of Nuclear Energy, Science and Technology	2 occurrences	(1 site)
Office of Science	5 occurrences	(3 sites)