

Summary Report of Occurrences Reviewed From May 18 – 22, 2009

Summary: 24 occurrences at 14 sites reviewed during this period.

Significant Occurrences (2)

Near Miss – 1 occurrence at 1 site

- **EM – Hanford Site, Office of River Protection (Significance Category 3).** On May 18, the Pre-Treatment Facility (PTF) Tower crane boom made contact with the Demag crane boom. At the time of the event, the PTF Tower crane was moving in to pick up a trash skip. The Demag boom was stationary as craft workers were in the process of removing the counter weights so that the crane boom could swing out and set a spreader bar on the ground. Both cranes were placed in a safe configuration and were taken out of service awaiting investigation results. During the fact-finding meeting, it was learned that the coordination of crane operations, the establishment of boom limits, and communications were not being conducted with any formality.

Environmental Release/Compliance – 1 occurrence at 1 site

- **NA – Los Alamos National Laboratory (Significance Category 2).** On May 19, an oil filled capacitor that had been transported to the Los Alamos County Landfill leaked oil containing Polychlorinated Biphenyls (PCBs). Less than 5 gallons of oil leaked, but more than one pound of PCBs is estimated to have been released onto a concrete floor. Access to the spill area was restricted. The capacitors, which had been removed from transformers, may have posed a shock hazard and these capacitors have been rendered safe. The spilled PCB oil is being cleaned up and samples are being analyzed for PCB content. The capacitors came from an electrical upgrade project being conducted at TA-09-21. The electrical upgrade project work approval has been rescinded. A non-routine report will be sent to the State of New Mexico.

Other Occurrences (22). 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 | 3 | 0 | 3 | 3 |
| Near Miss | 2 | 0 | 0 | 2 | 2 |
| Authorization Basis | 1 | 1 | 0 | 2 | 2 |
| Radiological Concerns | 2 | 0 | 1 | 3 | 3 |
| Environmental | 1 | 1 | 0 | 2 | 1 |
| 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 | 3 | 0 | 0 | 3 | 2 |
| Electrical Safety | 0 | 1 | 2 | 3 | 3 |
| Vehicle Accident | 0 | 0 | 0 | 0 | 0 |
| Equipment Failures | 0 | 3 | 0 | 3 | 2 |
| Safeguards and Security | 0 | 0 | 0 | 0 | 0 |

| Occurrence Category | Number of Occurrences | | | | Number of Sites |
|-----------------------------|-----------------------|-----------|----------|-----------|-----------------|
| | E&E | NNSA | SC | DOE Total | |
| Suspect & Counterfeit Parts | 1 | 2 | 0 | 3 | 3 |
| Other | 0 | 0 | 0 | 0 | 0 |
| Total | 10 | 11 | 3 | 24 | |

Secretarial Office Summary

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|--|----------------|-----------|
| National Nuclear Security Administration | 11 occurrences | (5 sites) |
| Office of Environmental Management | 8 occurrences | (5 sites) |
| Office of Nuclear Energy | 2 occurrences | (1 site) |
| Office of Science | 3 occurrences | (3 sites) |