

## **Summary Report of Occurrences Reviewed**

### ***From September 22 – 29, 2006***

**Summary:** 35 occurrences at 17 sites reviewed during this period.

#### **Significant Occurrences (4)**

##### **Near Misses – 2 occurrences at 2 sites**

- ***Lawrence Livermore National Laboratory (Significance Category 3)***. On September 27, 2006, while removing empty/scrap gas cylinders from a bin with a forklift, a cylinder struck and shattered a forklift windshield. The operator was not struck by the cylinder, but received minor leg cuts from the shattering glass. First aid was administered.
- ***EM – Fernald Environmental Management Project (Significance Category 3)***. On September 22, 2006, a flash fire occurred when subcontract employees were performing final decontamination of a track-mounted excavator using flammable aerosol solvents/lubricants. It is believed the aerosol vapors ignited when a mechanic removed battery cables on the excavator. Although three employees were directly exposed to flames, there were no personnel injuries or personnel contamination.

##### **Fire Protection – 1 occurrence at 1 site**

- ***Y-12 Plant (Significance Category 2)***. On September 22, 2006, a small fire occurred as plastic was removed from items being inspected in a glove bag. The items had been in a storage container since the 1970's. When the plastic was opened, oxidation on the items began to spark and set the plastic and tape on fire. Personnel managed to secure the container lid, and the fire was extinguished. There were no personnel injuries.

##### **Radiological Safety Concerns – 1 occurrence at 1 site**

- ***EM – Hanford Groundwater Remediation Project (Significance Category 2)***. On September 26, 2006, after new analytical information became available, it was discovered that 4 of 14 totes containing ion-exchange resin beads that were shipped to an offsite vendor for regeneration in July 2006 exceeded the Hanford limit of 30 pCi/g for technetium-99 (Tc-99). These levels are not detectable by field instruments. No DOT limits were exceeded in this shipment. The vendor was notified and further resin shipments were suspended. Federal/state environmental officials were notified.

**Other Occurrences (31).** See Table (Note: The Table includes the occurrences listed above).

| Occurrence Category                             | Number of Occurrences |           |           | Number of Sites |
|---|-----------------------|-----------|-----------|-----------------|
|   | NNSA                  | ESE       | DOE Total |                 |
| Injury – Industrial Hygiene/Occupational Safety | 1                     | 1         | 2         | 2               |
| Near Miss                                       | 2                     | 4         | 6         | 5               |
| Authorization Basis                             | 0                     | 3         | 3         | 3               |
| Radiological Concerns                           | 0                     | 4         | 4         | 2               |
| Fire Safety                                     | 2                     | 1         | 3         | 3               |
| Industrial Hygiene/Occupational Safety          | 0                     | 2         | 2         | 2               |
| Lockout/Tagout                                  | 1                     | 0         | 1         | 1               |
| Conduct of Operations                           | 0                     | 1         | 1         | 1               |
| Equipment Failures                              | 1                     | 3         | 4         | 4               |
| Electrical Safety                               | 0                     | 4         | 4         | 4               |
| Suspect & Counterfeit Parts                     | 2                     | 2         | 4         | 2               |
| Industrial Operations                           | 0                     | 1         | 1         | 1               |
| <b>Total</b>                                    | <b>9</b>              | <b>26</b> | <b>35</b> |                 |

### Secretarial Office Summary

|  |                |           |
|--|----------------|-----------|
| National Nuclear Security Administration         | 9 occurrences  | (7 sites) |
| Office of Environmental Management               | 18 occurrences | (7 sites) |
| Office of Science                                | 3 occurrences  | (3 sites) |
| Office of Nuclear Energy                         | 4 occurrences  | (2 sites) |
| Office of Energy Efficiency and Renewable Energy | 1 occurrence   | (1 site)  |