

## **Summary Report of Occurrences Reviewed From November 24 – 28, 2008**

**Summary:** 28 occurrences at 15 sites reviewed during this period.

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

#### **Injuries – 1 occurrence at 1 site**

- **NA – Pantex Plant (Significance Category 3).** On November 19, an equipment operator was injured while attempting to load a hydraulic track excavator onto a flat bed equipment trailer. The truck and trailer had been placed on the edge of a two-lane roadway with one side of the trailer slightly leaning toward a dirt ditch. While the operator was in the process of moving the excavator onto the trailer, the excavator tracks began to slide on the steel trailer flooring. In an attempt to stop the sliding excavator, the operator moved the attached bucket/claw toward the direction of the slide. However, the excavator continued to slide off the trailer and ended up on its side in the roadway ditch. During an event critique on November 20, 1008, it was discovered that the excavator operator was wearing a lap belt but sustained a fracture of his right shoulder blade when he was thrown against the interior of the cab as the excavator overturned.

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

- **NA – Kansas City Plant (Significance Category 3).** On November 21, a Honeywell Federal Manufacturing & Technologies Kansas City security employee attempted to disassemble his weapon for cleaning when the weapon discharged into the back of the ventilation hood. The event occurred after live fire range training. After the training was completed, the range master had become ill. While he was being assisted from the firing range, a clip with live ammunition was inserted into the Glock .40 caliber semiautomatic pistol. Although a security lieutenant had inspected the belt clips of the four recently hired security employees for live ammunition and verified the chambers were open on all of their weapons, the live ammunition in the pistol went undetected prior to cleaning. No injuries were reported as a result of this incident.
- **NA – Los Alamos National Laboratory (Significance Category 2).** On November 20, one of the eight bay doors at Fire Station 1 unexpectedly dropped from the open to closed position, narrowly missing a fireman. At the time, fire station personnel were attempting to place the door in a safe configuration because it had become stuck in the open position. Two personnel were placing pike poles underneath the door and adjacent to the door tracks on either side of the door. One of the firemen had already placed his pike pole into position when the door unexpectedly dropped. A vendor had replaced all eight doors back in September 2008, and since then all but one of the eight doors has experienced inoperability with two doors being locked and tagged out for safety reasons. The doors must remain operable to enable emergency response.

#### **Industrial Hygiene Exposure – 1 occurrence at 1 site**

- **NA – Los Alamos National Laboratory (Significance Category 3).** On November 21, during routine industrial hygiene sampling at TA-16-0001, an industrial hygienist found beryllium contamination above the housekeeping limit of 0.2 micrograms (ug) per 100 square centimeters (cm<sup>2</sup>) from an equipment shipment from TA-41. The industrial hygienist

performed additional sampling for beryllium at TA-41-0001 and found five locations with levels above the housekeeping limit. The highest level was 130 ug/100cm<sup>2</sup>. The industrial hygienist notified the Science and Technology Operations (STO) manager. An STO industrial hygienist performed additional sampling for beryllium and other metals. Preliminary results indicated two samples exceeded 3 ug/100cm<sup>2</sup>. The impact to affected areas is being assessed. The discovery of the beryllium contamination represents a potential personnel exposure hazard.

**Other Occurrences (24).** 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                                       | 0                     | 2         | 1        | 3         | 3               |
| Authorization Basis                             | 1                     | 0         | 0        | 1         | 1               |
| Radiological Concerns                           | 2                     | 1         | 1        | 4         | 4               |
| Environmental                                   | 1                     | 2         | 0        | 3         | 3               |
| Fire Safety                                     | 0                     | 2         | 0        | 2         | 2               |
| Shipping/Quality Assurance                      | 0                     | 0         | 1        | 1         | 1               |
| Criticality Concerns                            | 0                     | 0         | 0        | 0         | 0               |
| Industrial Operations                           | 0                     | 0         | 0        | 0         | 0               |
| Conduct of Operations                           | 0                     | 1         | 0        | 1         | 1               |
| Electrical Safety                               | 0                     | 0         | 0        | 0         | 0               |
| Vehicle Accident                                | 0                     | 0         | 0        | 0         | 0               |
| Equipment Failures                              | 0                     | 3         | 1        | 4         | 4               |
| Safeguards and Security                         | 1                     | 0         | 0        | 1         | 1               |
| Suspect & Counterfeit Parts                     | 2                     | 2         | 1        | 5         | 5               |
| Other   | 0                     | 0         | 0        | 0         | 0               |
| <b>Total</b>                                    | <b>7</b>              | <b>16</b> | <b>5</b> | <b>28</b> |                 |

### Secretarial Office Summary

|  |                |           |
|--|----------------|-----------|
| National Nuclear Security Administration | 16 occurrences | (5 sites) |
| Office of Environmental Management       | 6 occurrences  | (5 sites) |
| Office of Nuclear Energy                 | 1 occurrence   | (1 site)  |
| Office of Science                        | 5 occurrences  | (4 sites) |