

**Significant Incident Summary Report  
April – August 2009**

**EDO Golden Hills Substation Saugus, MA, 9 May 2009– Employee Injury**

Following functional testing of protective relay equipment by Protection and Telecommunication Operations, a 480V Station Service Transfer Switch failure occurred resulting in an electrical flash. A Substation Worker in the vicinity of the switch when it failed received 2nd degree burns on his face and was treated and released from hospital that day.

**EDO Westborough, MA, 20 May 09 – Employee Injury**

A crew was in the process of covering a middle phase with line hose on an existing load break pole, when a jib made contact with the field phase, causing a flash across the bucket to the middle phase. One line worker was taken to Marlborough Hospital for treatment of burns (from molten metal) and for an irritated throat and the other worker experienced an eye irritation.

**EDO System Operations, NY South, July 16, 2009 – Near Miss**

Employee states that he was opening an LBD 2843 at pole number 23 when the insulator broke open causing an electrical flash. There were no injuries.

**Generation NY July 30, 2009 – Near Miss**

During equipment replacement activities, a generator breaker failed. No employees were in the breaker house at the time of the failure and there were no injuries. The operation involved an outage of Glenwood Gas Turbine Units 2&3 for the replacement of buss insulator stand-offs on the common buss A/W Unit No. 2. As OCB1340 was closed (connect position), the generator breaker failed.

**EDO NY North Operations, July 30, 2009 – Near miss**

The knuckle of company boom truck #4635 contacted energized phases 1 and 2 of F6763 (4160 V). The conductors flashed and phase 2 burned to the ground, striking a passing public vehicle (no damage). The conductor was not energized. There were no injuries.

**EDO Construction Delivery Forestry, July 22, 2009 – Contractor Injury**

An employee from Nelson Tree Service was in the process of performing line clearance activities when he lost control of a branch, resulting in the branch contacting an energized 7.6 kV line. He received surface burns on his right fingers and right groin area in addition to a third degree burn with a 1-1/2" wound on his left thigh. A full recovery is expected.

**EDO – No. 49211 – Oceanside NY – August 10, 2009 – Contractor Near Miss**

A contractor, while in the process of changing over a 3 phase vertical turn pole and handling the middle phase, the phase made contact with an un-protected down guy. The contact caused a flash and a lockout. No injuries occurred.

**EDO – No. 49926 - Weymouth MA – August 24, 2009 – Public Incident Fatality**

The crew had completed a phasing job. Both line workers were on the ground and the buckets were stored in their cradles. At approximately 9:50AM, a Mazda pickup truck entered the protected work zone from a northerly direction on Front Street. The pickup truck struck the Detail Officer, and then collided with the left, front quarter of company vehicle # 6992. Detail Officer was fatally injured.

**EDO- Lowell MA – August 25, 2009 – Near Miss**

Upon an underground crew completing work at the Perry St Substation in Lowell MA, the operator took an order and closed the breaker. Immediately the disconnects began spitting and the operator opened the breaker. Within seconds, the switchgear that was approximately 100 yards away exploded, blowing the locked cover open. As the switchgear contained SF6, Clean Harbors was called to perform the clean up after the circuits had been tagged and grounded. Switchgear will be removed and replaced. There were no injuries.

**EDO – Nos. 49919 and 49930 – Stoughton MA – August 25,2009 – Employee Injury**

A four person underground crew was changing a padmount transformer. One of the crew members used a rotation meter across the live primary terminations and a flash occurred. Two employees were examined at a medical clinic.

**EDO– No. 50000 Beverly MA – August 26, 2009 –Public Contractor**

Westboro Service reported an electrical contact on the 34 kV line in Beverly MA. A public contractor was digging under 34 kV line in Beverly and either made contact or came within close proximity of the line, as it caused the fuse to open. There were no injuries or damages, and the contractor claims that they did not touch the line.

**EDO – No. 49992 Canal Substation, Long Island NY August 26, 2009 – Contractor Near Miss, energized line contact**

When attempting to reverse out of the substation following the equipment delivery, an antenna on the vehicle contacted the energized 69 kV bus. The contact resulted in an electric flash between the antenna and the bus work, and contact to ground through the vehicle's wheels. The work was halted and the vehicle was left in position until an electrical clearance could be taken to safely back the vehicle out. Preliminary actions included a installation of a new gate to allow direct access to the equipment staging area and the area allowed for staging was reduced with a boundary indicated with a orange construction fence at least 30 ft from energized equipment.

**EDO- No. 50054 Lafayette Substation, North Kingstown, RI August 27, 2009 – Employee injury**

During work to replace live parts on 34.5 kV Load Breaks, two O&M workers contacted an energized conductor. Preliminary Analysis indicates the 3312 34.5kV line may have been induced with voltage from the G-185 115kV Transmission Line. Both the 1st Class Worker and 2nd Class Worker were taken to the Kent County Hospital by co-workers and released later that Thursday afternoon August 27th. Dennis Pantig treated and released around 3 pm from Kent County Hospital. He had an entrance wound on one ring finger and an exit wound on the other.