

## Incident Review – Part 2

### Did You Know?

ESA reviews and reports on electrical incidents that occur. We have highlighted two of these incidents below.

#### Incident #1 – Faulty Disconnect

##### Summary:

An electrician suffered severe burns due to an arc flash incident from a faulty disconnect switch. The switch failed when the worker attempted to turn the handle of the switch to the OFF position.



##### Causal Factors:

- Hinge pin was not flared during the manufacturing process
- Electrician was not dressed to Z462 standard requirements for this task.

#### Incident #2 – Switchgear Arc Fault

##### Summary:

An electrical contractor's three-man crew was replacing switchgear in the main electrical room of a twelve-story condominium building. During preparation, the victim and his co-worker removed the panel covers off the cabinet containing the old switchgear while it was still energized. An arc flash occurred causing burns to the victim.



##### Causal Factors:

1. Condominium has never reviewed health and safety policy on any job with the contractor.
2. Condominium did not review health and safety policy on this job.
3. Covers removed off the panel before shutting the power off.
4. Appropriate PPE was not worn by the workers on the job.