

APS User Safety Update (12 April 2006)

Argonne is in the process of revitalizing its safety program. APS presently is reviewing user training to address recent changes in Argonne electrical safety requirements and to ensure an efficient manner of implementing those requirements. In addition, several recent occurrences involving users have demonstrated a need to improve communication of Argonne specific requirements. The purpose of this message is to provide interim guidance until final changes are implemented in a few months.

New Electrical Safety Training Requirements

Argonne recently released new requirements regarding training requirements to perform a variety of tasks involving electrical equipment:

ESH377 Electrical Safety Awareness is required for all employees and users regardless of job function.

ESH371 Electrical Safety Training – General (web based training) is required before any work on electrical equipment can be performed. Such work includes inserting and removing cards from computer internals, cutting and splicing wires, soldering wire connections and components, terminating cables, and other activities where good electrical safety practices are necessary. Users must have completed this course to be considered “qualified” by Argonne to perform electrical work. Additional details and clarifications will be provided at a later date.

New Requirements for Inspection of Electrical Equipment

After April 25, 2006 all electrical equipment and components brought on site by users, including research and development (R&D) equipment, must be labeled or listed by a nationally recognized testing laboratory (NRTL), or be examined and approved by an APS designated electrical equipment inspector prior to use.

Reminder: No work by a user on energized electrical equipment at a potential of 50 volts or greater is permitted. If such work must be performed, contact a floor coordinator.

Incident Reporting

911 must be dialed to report injuries, serious illnesses, or hazardous material spills. Also dial 911 if spilt material is discovered to be hazardous after the spill and a sector safety coordinator, floor coordinator, or APS divisional ESH Coordinator have not been contacted.

All events involving “near misses,” failures or malfunctions of engineered safety systems (e.g. short circuits, blown fuses) or unexpected performance of any user or beam line equipment which could have caused an injury should be reported either to a floor coordinator or sector safety coordinator.