

Memo to SSRL staff concerning operation of Circuit Breakers and Disconnect Switches

Recently SLAC has adopted new regulations (NFPA70E) which outline the “Standard for Electrical Safety in the Workplace”. Specifically it requires that the Arc Flash Hazard be categorized and PPE stated for all circuit breakers and disconnect switches.

This memo identifies requirement for operating circuit breakers or disconnect switches at SSRL.

SSRL staff members shall be authorized to operate CB’s and disconnect switches only if they meet the following requirement

The staff member:

1. Has the task identified and authorized in their routine JHAM, which includes:
 - a. Reading and understand the SSRL Breaker and Disconnect Switch Operation Procedure.
 - b. Reviewing with their supervisor or designee (as defined by SSRL Safety Officer) the standard SLAC labels presently found on circuit breakers and disconnect switches as well as the PPE requirements for operating circuit breakers and disconnect switches with arc flash hazard categories 0 and 1.
2. Has taken SLAC Training Course #239, General Electrical Safety and that it is valid.
3. Follows the minimum PPE requirements:

Category 0

 - Long sleeve shirt and long pants made from natural fiber
 - Safety glasses/goggles

Category 1

 - Fire Retardant Coveralls
 - Hard Hat
 - Leather gloves
 - Leather shoes
 - Safety glasses/goggles
4. Follows the SSRL Circuit Breaker Reset and Disconnect Switch Operation Procedure.