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# SCG&E

## Arc Flash Event

# 5 KV 1200 Amp Breaker



Racking  
Handle

# Residual Damage Behind Where the Person was Standing



# Residual Damage Above the Gear



# 40 Cal/cm<sup>2</sup> Arc Flash Suit



# 40 Cal/cm<sup>2</sup> Arc Flash Suit



40 Cal/cm<sup>2</sup>  
Flash Hood

# 40 Cal/cm<sup>2</sup> Arc Flash Suit



# Investigation On-going

- Speculation: Racking breaker in live while the breaker was closed
- **NO** Arc Flash Hazard Analysis
- Incident Energy Unknown
- SCE&G employee hospitalized for a one week period
- Arc Flash PPE saved his life!



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