



WARNING

Arc Flash and Shock Hazard

Appropriate PPE Required

25 inches	Flash Hazard Boundary
2.0 cal/cm ²	Flash Hazard at 18 inches
Category 1	FR Shirt & Pants
480 VAC	Shock Hazard when cover is removed
00	Glove Class
42 inches	Limited Approach
12 inches	Restricted Approach
1 inch	Prohibited Approach

Location: MCC 1GX-1/2

Job#: A8828 **Prepared on:** 05/25/10 **By:** R. Garrison



Varo offers a broad spectrum of Arc Flash Assessment Services to industrial, utility and commercial clients in the following areas:

DATA COLLECTION AND ASSESSMENT

- Circuit Breakers
- Fuses
- Cabling size and lengths
- Power loads

ANALYSIS

- SKM Power Tools Analysis Software
- Model power distribution system
- Calculate incident energy levels
- Assign Hazard Risk Category (HRC) levels
- Determine Arc Flash boundaries

MITIGATION RECOMMENDATIONS

- Review distribution system where HRC is Category 3 or higher
- Make recommendations to reduce HRC
 - Breaker coordination
 - Fusing changes

HAZARD RISK CATEGORY LABELING

- Provide labels displaying HRC categories and PPE requirements
- Affix labels to appropriate equipment

ARC FLASH CLOTHING

- Recommendation for appropriate Personal Protective Equipment (PPE)

TRAINING

- Provide Arc Flash training to maintenance and operations personnel

