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EMERGENCY AWARENESS BULLETIN

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On October 7, 2025, a 34-year-old roof bolter operator with approximately 15 years of mining experience was injured while working in an underground mine in the Hazard Branch.

The miner was on his knees operating a Fletcher double-head roof bolter when a high-voltage power cable energized with 12,470 volts, out by the section, short-circuited at a splice. This resulted in momentarily energizing the ground conductor wires in the mine.

Accident Scene



RECOMMENDATIONS TO PREVENT REOCCURRENCE

- (1) High voltage splices shall be maintained in accordance with the splicing material manufacturer's specifications.
- (2) Use properly sized connectors when splicing high-voltage cable for repair.
- (3) High voltage systems should be tested as frequently as needed to maintain safe operation.
- (4) Power cables will be protected by location by guarding to protect against damage.
- (5) The outer repair jacket of high voltage cables shall be adequately insulated to the dielectric rating of the cable.