



Potential Fatal Event: 4160-Volt Transformer Arc Flash

Preliminary Incident Details

Operation	Climax
Date / Time	September 30, 2023 / 8:10 a.m.
Type	Injury
Summary	<p>Two electrical subcontractors involved in rerouting a power line for the new water treatment plant under construction at Climax were preparing to check the phase rotation of a 4160-volt transformer that had not been de-energized. When they attempted to attach the meter, an arc flash occurred.</p> <p>The workers were not wearing the proper PPE, and both sustained burns to the face. One was treated at the hospital and released while the other was hospitalized with second-degree burns.</p>
Fatal Risk	Exposure to Electrical Hazards
Risk Category	Monitor
Pre / Post Rating	Significant (3) Possible (2)
Findings / Missing Controls	<ul style="list-style-type: none">Contractors were not using appropriate PPEInstrumentation was rated for 600 volts
Applicable Policies / Procedures	FCX-HS03 Electrical Safety Policy
Employee Condition	Both workers sustained first- and second-degree burns to the face.
Contact	Chris Young, Mill Manager, or Amy Reyes, Senior Supervisor-Health and Safety

Photos / Links



At left: Proper PPE required for the job (not worn during the incident)