

SAFETY ALERT NOTIFICATION		Safety Alert #	SA – 2019 - 4
 <b>Boom Contact with Overhead Power Line</b>		IMS #	96714
		OPERATION:	Morenci
		INCIDENT DATE:	4/16/2019
		TIME:	8:45 a.m.
		TYPE:	Near Miss
Issued By: <b>Scott Brack, Health and Safety Manager</b>	Contact For Additional Details: <b>Tim Summers, Plant Engineering Manager</b>		

This is **NOT** an investigation report. It is a **NOTIFICATION** of a **Significant Incident** that has taken place at a **Freeport-McMoRan** location. The information below is a preliminary assessment and not a formal investigation.

### INCIDENT DESCRIPTION

**Summary:** An arc flash occurred when the raised boom of an excavator came in contact with an overhead power line.

**Description:** A contractor employee was doing excavation work at the townsite tailings pond – a location that required driving under overhead power lines. After working several hours, including under the power line, the employee switched to a larger excavator and drove under the power line with the boom raised. The boom made contact with the ground wire and pushed it up into a phase wire, causing an arc flash away from the excavator and tripping the breaker. No injuries or property damage occurred, and the excavator was not energized. Auto-reclosure on the breaker re-energized the line soon after the excavator passed.

FATAL RISKS	HEALTH AND SAFETY POLICIES
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Exposure to Electrical Hazard	N/A
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### OTHER SIGNIFICANT RISK (specific to site or task not categorized as global)

N/A

### PROBABLE DIRECT CAUSES

- Failure to re-assess the job after equipment change
- Failure to lower boom and keep a safe clearance distance from the power line
- Absence of a spotter while operating heavy equipment under the overhead power line

### IMMEDIATE CORRECTIVE ACTION(S)

- Stopped the job
- Notified safety pro and electrical superintendent
- Initiated investigation

### REQUIRED ACTION(S)

- Ensure proper spotting procedures are followed when operating equipment near overhead power lines
- Communicate the need to re-assess the job after a change in the scope of work and / or equipment



The area where the track hoe was driving underneath the power lines.

**This is NOT an investigation report. It is a NOTIFICATION of a Significant Incident that has taken place at a Freeport-McMoRan operation and is being communicated to enhance safety awareness should a similar situation exist. The information above is a preliminary assessment of the event and is not a formal investigation.**