

Case Study

Emergency Collector Ring Insulation Repair Fall 2010

Background:

An overseas power plant called requesting immediate help for repairing the insulation banding that had come apart while their gas turbine generator was in operation. Brush holders were damaged as banding (see figure 1) came apart and caught on the holders (red arrows in picture below indicate problem area). The problem was compounded by the approach of the customer's peak operating season which would not allow for a lengthy outage.

The Result:

Cutsforth responded back to customer immediately to inform them we could perform the repair to their generator. Cutsforth coordinated the details of the field service repair with their site personnel, reviewed the plan and material requirements and then expedited customer required safety documentation. The actual repair was completed in a single day allowing the generator to be back up and running the following day minimizing their outage losses. The unit has not had any further issues from this problem since the repair.



figure 1

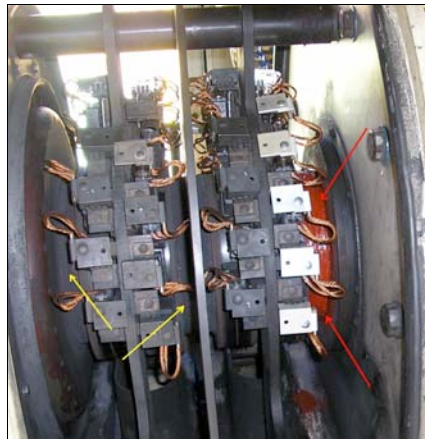


figure 2