

Safety Alert

33 kV CB internal fault

Event Number: V2403

Event Date: 17-09-2015

Description of event:

An internal fault occurred on a 33kV Cooper Type WVE38X Circuit Breaker (CB). As part of the zone substation shutdown, to carry out routine 5 yearly preventative maintenance, the 33kV CB was refurbished. During remote test operation prior to restoration an internal fault resulted in approximately 6 or 7 litres of oil being sprayed throughout the switchyard.

This fault occurred during the second test close following a 15 minute soak period.

Immediate actions:

Equipment was isolated. An incident investigation was initiated.

Contributing factors:

Both internal HV closing coil fuses were found to be blown on initial inspection. The closing coil tested okay, with no obvious cause evident for the CB failure. An investigation is in progress to determine the root cause.



For further information please contact: Engineering Department on 03 7682704

Date of release: 24 September 2015

This Safety Alert is advisory only. It may contain information on an event which is not yet confirmed or is subject to the findings of a full investigation. Any person who has additional information on the event or would like to suggest additional remedial actions should talk directly to the Engineering Department.