



1 SCOPE

This document details the application of SOP 239 issued by the Electricity Association.

2 ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
October 2000	1	Esther Stewart	Initial Issue in New Format: 2 Page Document

3 ISSUE AUTHORITY

Author	Owner	Issue Authority
Esther Stewart	Roger Bracey	Roger Bracey Group Head, Standards



4 SOP DETAILS

TYPE: LUCY Type TRIFCA transformer mounted fuse cabinet

ORIGINATING REC: Scottish & Southern Electric

DATE: 26/07/99

NO. INSTALLED IN MANWEB:

NO. INSTALLED IN SCOTLAND:

STATUS: Restriction. (SOP now cancelled, see update)

The following restriction applied by originating REC pending the outcome of an investigation into the latest incident.

- (1) No work to be carried out on LV cabinet with the cabinet live.
- (2) The LV busbar to be made dead before any fuse replacement/operation of transformer links/generator connection or other work in LV cabinets.

REASON:

Flashover of blue phase busbar to side of cabinet on two separate occasions while a fuse was being replaced. The first occasion being a non-fault operation and the second occasion being a fault operation.

UPDATE:

03/08/99: An investigation revealed that both incidents were due to the incomplete insertion of an LV fuse causing arcing at the fuse contact and subsequent flashover to the earthed steelwork.

There are no plant design or construction issues and SOP 239 is now cancelled.

REMEDIAL ACTION: