



1 SCOPE

This document details the application of SOP 201 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: ABB SENTINEL 11kV RMU Ring
Switches
(serial numbers 001-S01 to 185-S01)

ORIGINATING REC: London Electricity

DATE: 12/03/98

NO. INSTALLED IN MANWEB: 40
NO. INSTALLED IN SCOTLAND:

STATUS: RESTRICTION.

The following restriction shall apply to all units within the above serial number range.

- (1) Operation of ring switches from ON to OFF is permitted.
- (2) Operation of ring switches from OFF to EARTH and from EARTH to OFF is permitted.
- (3) Operation of the ring switches from OFF to ON is not permitted with the unit live from any source and may only be carried out with the unit dead if the following procedure is adopted :

With the RMU isolated at the remote ends of all circuits the ring switch may be closed. The correct operation of the switch must then be confirmed following the issue of safety documentation by removing the cable box covers and carrying out Ducter measurements through the two closed ring switches as per standard commissioning practise. The unit may then be energised remotely.

REASON:

Ring switches indicating " CLOSED" after a closing operation were found to be open on two phases. Plastic shrouds on early units can become detached within the switch due to vibration. It is possible for the shrouds to become lodged between the fixed and moving contacts preventing correct operation of the switch from OFF to ON.

UPDATE:

07/10/98: Serial number range of affected units revised to (001 S01) - (185 S01).

REMEDIAL ACTION : Units will need to be changed.