



1 SCOPE

This document details the application of SOP 227 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: Yorkshire Switchgear (Merlin Gerin) Ringmaster 2 RMU.

ORIGINATING REC: London Electric

DATE: 22/03/99

NO. INSTALLED IN MANWEB: 0

NO. INSTALLED IN SCOTLAND:

STATUS: Restriction. (No equipment of this type in Manweb)

The following restriction applied in London Electric:

No motorised ring switch opening with staff in switchroom. Local operation to be "MANUAL" only.

REASON:

Incorrect settings on ring switch mechanisms may cause a motorised switch to mal-operate. During commissioning of a motorised switch a partial OPEN condition resulted from a motorised mechanism failing to reset correctly following a motorised CLOSE operation. Investigation has established that SITE fitted motorised facilities to ring switches on earlier YS and Merlin Gerin Ringmaster SF6 ring main units may have a mechanism spring release "nudger" setting outside the design tolerance units.

UPDATE:

REMEDIAL ACTION:

Switches affected to be inspected by the manufacturer to ensure correct mechanism settings.