



1 SCOPE

This document details the application of SOP 196 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: Reyrolle Guardian 11kV RMU.
(Only units despatched before 8th December 1997 are affected).

ORIGINATING REC: Northern Electric

DATE: 16/12/97

NO. INSTALLED IN MANWEB: 0
NO. INSTALLED IN SCOTLAND

STATUS: Ban on Live Operation of all affected units (see below).

- (1) No operation shall be carried out on the unit with the unit live from any source.
- (2) Activities within the substation shall be kept to a minimum and limited to those strictly necessary for essential operational work.

REASON:

Following brief details of two incidents which have taken place on customers systems involving flashover on the test bushings, partial discharge and ultrasonic measurements have been carried out on the Northern Electric owned unit.

UPDATE:

24/12/97 Restriction in Northern Electric lifted following completion of inspection/
Modification by Manufacturer.

REMEDIAL ACTION:

The defect is in the region of the ring switch cable test access covers. Each three phase set of access points is fitted with an hinged cover which can only be opened when the appropriate ring earthing switch is ON. Inside each cover there are three sealing pads. The pads on some units could allow the ingress of moisture under extreme conditions. Inspection to be carried out by Reyrolle. Guardian units despatched after 8/12/97 are not affected.