



1 SCOPE

This document details the application of SOP 248 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: Whipp & Bourne Type GVR kV Pole mounted recloser.

ORIGINATING REC: Scottish & Southern Energy

DATE: 11/02/2000

NO. INSTALLED IN MANWEB: 100

NO. INSTALLED IN SCOTLAND:

STATUS: No restriction to be applied in Manweb at the present time:

Investigations to date indicate that the Reclosers connected to Power Systems' distribution system are **NOT** affected by the problem highlighted by Scottish & Southern Energy (see operational briefing note 00/02 issued 24/02/00 and OIC 310 for further information). However all operational staff that the following steps must be taken in accordance with existing Company Policy before commencing work on or carrying out any operation on live equipment:

- (i) Where it is intended to erect any recloser using live line techniques then the plastic cover over the explosion vent shall be examined to ensure that it is free from cracks or any other damage. The cover should be left in position and must not be removed. The SF6 gas pressure shall be measured *immediately before being energised* to ensure that the internal gas pressure is within the range recommended by Whipp & Bourne. If the gas pressure is noted to be below 1.3 bar (absolute) then the recloser must **NOT** be connected to the system. Where work is to be carried out in close proximity to any live recloser then the bursting disc cover shall be examined using inspection mirrors to establish that it is intact and free from any damage.
- (ii) Before any local operation the recloser shall be examined for any signs of distress or other indications that may affect its capability in accordance with Section 3.2 of the Power Systems Live Working Manual. If there is any doubt regarding the integrity of the unit then it must not be operated live.

REASON:

Continued failure of GVR reclosers in Scottish & Southern since DIN raised on 04/02/2000. SOP imposed pending the outcome of ongoing investigations with the manufacturer.

UPDATE:

REMEDIAL ACTION: