

1. SCOPE

This document is based on PowerSystems Operational Restriction no. 77 issue 3 (OPSAF-14-077 issue 3) and details the application of SOP 307 issued by the Electricity Association.

2. ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
September 2003	1	D.W. Naylor	Initial issue 2 page document
September 2003	2	D.W. Naylor	Amendment on remote operation, re-energisation and RMU oil switches
October 2003	3	D.W. Naylor	Restriction lifted

3. ISSUE AUTHORITY

Author	Owner	Issue Authority
David Naylor Senior Project Engineer	Alastair Ferguson Section Head Engineering Support	Alastair Ferguson Section Head Engineering Support

4. SOP DETAILS

TYPE : Johnson & Phillips circuit-breaker types PDB, TDB, TSB, and JPBF, including earlier versions of J&P circuit-breakers that have been modified by GEC (PDB-M) or Baldwin & Francis (JPBF).

These types of circuit-breakers may be found in primary and secondary substations in the following arrangements:

J & P Type NX Ring Main Unit	J & P Type AG16 Fixed portion
J & P Type FG16 Fixed portion	J & P type FAX Fixed portion

ORIGINATING DNO : PowerSystems

DATE : 24 September 2003

NO. INSTALLED IN POWER SYSTEMS NORTH: 322
NO. INSTALLED IN POWER SYSTEMS SOUTH: 2299

STATUS : Restriction withdrawn.

REASON: Disruptive failure of a J&P circuit breaker whilst being restored to service after post-fault maintenance, causing serious injury to a member of staff.

UPDATE: 9 October 2003. RESTRICTION LIFTED - the forensic investigations undertaken as part of the inquiry have concluded that the failure was directly due to organic material (common moss) which was found in the circuit breaker tank.

REMEDIAL ACTION: