



1 SCOPE

This document details the application of SOP 283 issued by the Electricity Association.

2 ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
August 2002	1	David Naylor	Initial Issue 2 Page Document

3 ISSUE AUTHORITY

Author	Owner	Issue Authority
David Naylor Senior Project Engineer	Alastair Ferguson Section Head Engineering Support	Eric Leavy Engineering & Transmission Operations Manager

**4 SOP DETAILS**

TYPE :	Switchgear and Cowans RA4 & RAE4 11kV RMU
ORIGINATING REC :	SP Power Systems Ltd
DATE :	21/10/01
NO. INSTALLED IN MANWEB:	2863
STATUS :	<p>Restriction: The oil switch test access lid retaining nut must only be undone using a ring spanner (preferred) or an open ended spanner, such that the threaded stud can be viewed whilst the nut is undone. Socket spanners or other tools, which prevent the observation of the stud, must not be used. Whilst the nut is undone, the stud must be observed NOT to turn. Slackening of the nut must stop immediately if any rotation of the stud is observed. No further attempts to unscrew the nut must be made until the RMU is isolated and earthed. Subsequently, the lid-retaining nut must be made free running, and the stud engaged and locked in position before the RMU is returned to service.</p>
REASON:	<p>During the process of opening the oil switch test access lid, the lid retaining nut jammed on the fixing stud threads, causing the stud to unscrew. The stud locknut remained on the stud by approx. one turn only, and could have fallen into the oil switch tank, where there were live conductors.</p>
UPDATE:	
REMEDIAL ACTION:	<p>The restriction is to remain in place for the life of the equipment.</p>