



**1. SCOPE**

This document details the application of SOP 306 issued by the Electricity Association.

**2. ISSUE RECORD**

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<b>Issue Date</b>	<b>Issue No</b>	<b>Author</b>	<b>Amendment Details</b>
September 2003	1	D.W. Naylor	Initial issue 2 page document

**3. ISSUE AUTHORITY**

<b>Author</b>	<b>Owner</b>	<b>Issue Authority</b>
David Naylor Senior Project Engineer	Alastair Ferguson Section Head Engineering Support	Alastair Ferguson Section Head Engineering Support  .....

#### **4. SOP DETAILS**

**TYPE :** Long & Crawford Type R3, R3X, R4, R4X oil switches

**ORIGINATING DNO :** United Utilities

**DATE :** 5 August 2003

**NO. INSTALLED IN POWER SYSTEMS NORTH:** 0

**NO. INSTALLED IN POWER SYSTEMS SOUTH:** 0 (see below)

**STATUS :** No restriction applied in PowerSystems.

**REASON:** An incident has occurred in United Utilities where an ON/OFF indicator plate became detached and fell to the bottom of the switchgear tank. Initial indications are that the cause is poor quality welding where the indicator bracket is welded to the operating rod.

The manufacturer, Alstom, has confirmed that this type of unit was only supplied to United Utilities (Norweb) in the UK. The restriction does not, therefore, affect switches within R3ETV2 ring main units.

**UPDATE:**

**REMEDIAL ACTION:**