



**1 SCOPE**

This document details the application of SOP 286 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>         |
|-------------------|-----------------|---------------|----------------------------------|
| August 2002       | 1               | David Naylor  | Initial Issue<br>2 Page Document |

**3 ISSUE AUTHORITY**

| <b>Author</b>                           | <b>Owner</b>   | <b>Issue Authority</b>  |
|---|--|---|
| David Naylor<br>Senior Project Engineer | Alastair Ferguson<br>Section Head<br>Engineering Support | Eric Leavy<br>Engineering & Transmission<br>Operations Manager<br><br>..... |



**4 SOP DETAILS**

**TYPE :** Reyrolle Protection Relay type MR112

**ORIGINATING REC :** NEDL (Northern Electric)

**DATE :** 28/11/2001

**NO. INSTALLED IN MANWEB:** None.

**STATUS :** Restriction: Relay shall not be removed from its case with the (transformer) circuit live.

**REASON:** Reporting REC uses this relay on standby earth fault duty. It was discovered that the contacts that short out the Standby earth Fault CT when the relay element is withdrawn, were missing. This would result in the production of dangerously high open circuit CT volts, and possibly to CT damage.

**UPDATE:**

**REMEDIAL ACTION:**