

To: Area E&P Engineers
Territory E&P Engineers
Area Signalling Engineers
Territory Signalling Engineers
Steve Dimaline
Alex Buchinger

From: Nigel Wheeler

Title: E&P Engineer [Fixed Plant]
Tel: 085 78992 (020 7557 8992)

cc Kevin Lydford
Andy Free
Neil Ashcroft
Mark Inwood
Martin Sigrist
Richard Wales
Chris Meakin
File: E&P/SCADA/LI/12/12/07

Date: 18 April 2008

NR/BS/LI/084 - Issue 1: Letter of Instruction

This is a Letter of Instruction. In accordance with Section 9, of Network Rail Level 2 Document, NR/L2/STP/001 – *Network Rail Standards Management – Process requirements*, I give notice that the following changes shall be made with effect of **18 April 2008:**

Project D686: Western Territory 650 V Cable Renewals

Instruction

The following Alternative Supply Points delivered under the above mentioned project are to be removed from service with immediate effect:

- **Minety**
- **Brimscombe**
- **Twyford West**
- **Berkely Road**

The output of the Alternative Supply Points shall remain locked out of service with non-standard locks until such time that a full Interdisciplinary Check has been carried out and associated mitigation measures implemented to address the risks identified in relation to phase-sensitive signalling equipment.



Network Rail
40 Melton Street
Euston Square
London NW1 2EE
Tel: +44 (0)20 7557 8000

The reason for this instruction

The D686 project covers the renewal of 650 V distribution feeders and Functional Supply Points along with the provision of new Alternative Supply Points at the ends of former radial feeder circuits.

This will allow the 650 V feeders to be fed from either end with an open point between the Principal Supply Point and the Alternative Supply Point.

A risk has been identified, i.e. if the supplies either side of the open point are not in phase, this difference of phase could potentially result in the incorrect functioning of phase sensitive signalling equipment and in particular A.C. point detection relays.

In order to mitigate against this risk the output of the Alternative Supply Points are to be locked out of service until a full Interdisciplinary Check review is complete and any associated mitigation measures implemented.

Who it affects

Thames Valley Maintenance area E&P and Signalling staff

West Country Maintenance area E&P and Signalling staff

Western Territory E&P staff

D686 Project staff.

Standards affected

None.

Expiry date

This Letter of Instruction dated 18 April 2008 will expire in 12 months' time.

This instruction does not change any requirements for compliance with legislation, other standards or health and safety requirements.

Further advice and guidance on the application of these changes may be sought by contacting **Nigel Wheeler on 020 7557 8992.**

Author:

Nigel Wheeler
E&P Engineer [Fixed Plant]

Endorsed by:


Kevin Lydford
Head of Electrification and Plant Engineering