

**NHS WALES
High Voltage
Hazard Alert**



Llywodraeth Cymru
Welsh Government

Date: 8th January 2013

Cathays Park, Cardiff
CF10 3NQ
Parc Cathays, Caerdydd
CF10 3NQ

**Dangerous Incident Notification SOP 2013/0383/00 Fuse
Switch – GF3 – Long & Crawford**

**To: Chief Executives, LHBs
Chief Executives, NHS Trusts**

This Alert must be copied immediately to internal contacts for Hazard Alerts in Estate Departments.

The Alert has been endorsed by the Welsh Government as being relevant to NHS Wales and is issued by:

Neil Davies, Assistant Director, NHS Wales Shared Services Partnership, Facilities Services; Head of Facilities Services

This equipment is generally only used by Estates staff

This HV SOP (Suspension of Operational Practice) Alert also has an earlier DIN attachment which explains the reason for the issue of the SOP.

This restriction affects all Long and Crawford/GEC/Alstom 11/6.6kV OIL INSULATED FUSE SWITCH UNITS (GF3; GF3B; GF3D; GF3F; GF3M; GF3T; T4GF3; T3GF3 etc).

If your site is affected please contact me and also ensure the senior estates manager is made aware of the implications.

For advice in Wales:

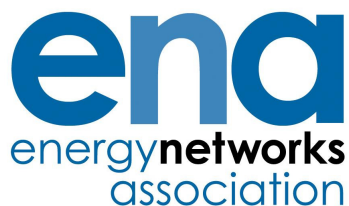
**Simon Russell
NHS Wales Shared Services Partnership – Facilities Services
P. O. Box 182, Bevan House
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Cardiff CF14 5GS**

Tel: 029 2031 5500

E-mail: simon.russell@wales.nhs.uk

Alerts are available in full text at:

<http://nww2.nphs.wales.nhs.uk:8080/Contacts.nsf/EmailPublicPage?openpage>



ENGINEERING DIRECTORATE
NEDeRS® MEMBER COMPANIES CONFIDENTIAL

URGENT

From: Bernard Pentecost **ENA Ref:** SOP 2013/0383/00
Tel: 020 7706 5100 (Please inform switchboard that your enquiry relates to NEDeRS)
Email: bernard.pentecost@energynetworks.org **Date Issued:** 07 Jan 2013

SUSPENSION OF OPERATIONAL PRACTICE (SOP)

(See Engineering Recommendation G28/4 for notes of guidance on use)

Reporting Company: Electricity North West
Contact: Mr M Kayes
Tel: 01772 848481 **Mobile:** 07768 035929
Email: Matthew.Kayes@enwl.co.uk
Initiating Officer: Mr M Kayes

1. REASON FOR DECIDING TO CHANGE OPERATIONAL PRACTICE

Following a disruptive failure of a Long & Crawford GF3T Fuse Switch an Restriction of Operation Practice has been implemented.

2. DESCRIPTION OF EQUIPMENT INVOLVED

Manufacturer: Long & Crawford
Equipment: Switch - GF3 - Long & Crawford
Serial Number: 9706787
System Voltage: 11 kV **Year Manufactured:** 1997
Rating: 200A **Date Commissioned:** 01/06/1998
No. of Units Affected: 11899 **Date Last Maintained:** 04/01/2013
Total No. of Units: 11899
Sp. Category Affected:

3. RELATED INCIDENT DETAILS

Date: 04/01/2013 11:49
Indoor/Outdoor: Indoor
Op. Environment: No exceptional environmental factors

SOP 2013/0383/00

Area of Failure: Main Tank/Chamber
Cause(s): Under Investigation
Other Plant Affected: Local Transformer, J4 Oil Switch and another GF3.
Hyperlinks: ¹ DIN 2013/0003/00

4. DETAILS OF SUSPENDED OPERATIONAL PRACTICES

This restriction affects all LONG AND CRAWFORD/GEC/ALSTOM 11/6.6kV OIL INSULATED FUSE SWITCH UNITS (GF3; GF3B; GF3D; GF3F; GF3M; GF3T; T4GF3; T3GF3 etc.)

All live operation (including fuse inspection) of the fuse switch with any part of the unit live is banned. The switchgear shall be re-energised remotely and no persons shall be present in the substation when it is being re-energised.

Precautions shall be taken to prohibit access to the substation for a period of 30 minutes following re-energisation.

This restriction does not apply to the operation of oil switches (including those on a ring main unit). This restriction shall be reviewed following the conclusion of the investigation

Proposed Review Date:

Supersedes (previous SOP):

Dated:

5. ADDITIONAL COMMENTS

1. Previously known as 'Associated Reports'. On the NEDeRS web site (<http://www.ena-eng.org/neders>), the user can browse associated incidents by linking directly between them.

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