

STCP 9.2 Version 001 Public and Site Safety

STC Procedure Document Authorisation

Company	Name of Representative	Signed off (date)
Ofgem		
NGT		
SP		
SSE		

STC Procedure Change Control History

Issue 001 – 09/12/04

(to follow STEG agreed format)

Outstanding Issues to be resolved post company sign-off

1. Dispute Resolution process – further details if needed.
2. Treatment of references to the Grid Code.
3. A review of 2.1.4 may be required following publication of the conclusions of the current OC7 consultation.

1 Introduction

1.1 Scope

1.1.1 This procedure applies to NGC and each TO and describes the processes required to be established by NGC and each TO:

- to maintain public and site safety on a TO's Transmission System; and
- to ensure appropriate actions are taken in response to safety information received regarding a TO's Transmission System.

1.1.2 The following are outside the scope of this document:

- the application of safety measures for TO circuits released from service by a Transmission Status Certificate, which rests with the relevant TO and Users; and
- the arrangements necessary between NGC and each TO to ensure the User compliance regarding safety matters, including Users' Grid Code obligations.

1.1.3 NGC and each TO recognise that safety is of paramount importance and that all decisions and actions shall be taken in light of this.

1.1.4 For the purposes of this document, the TOs are:

- SPT; and
- SHETL.

1.2 Objectives

1.2.1 The objectives of this document are to outline the roles and responsibilities of NGC and each TO for the management of public and site safety, including those required for:

- safeguarding life;
- communications with the public;
- communications with the emergency services;
- communications with TO staff and contractors;
- re-energisation policy;
- site safety;
- potential switchgear over-stressing; and
- the number of circuit breaker operations permissible before maintenance.

2 Public and Site Safety

2.1 Safeguarding Life

2.1.1 Upon receipt of a communication concerning site or public safety within their licensed area, a TO shall follow its risk assessment processes, operational procedures and guidelines to decide and, where appropriate, implement actions required to ensure and/or maintain acceptable levels of safety as far as reasonably practicable.

2.1.2 When immediate action is required to safeguard life, Plant and/or Apparatus a TO may de-energise the necessary Plant and/or Apparatus without reference to NGC or Users even if the de-energisation of such Plant and/or Apparatus will result in the loss of generation and/or Demand.

- 2.1.3 When requested by User to carry out an immediate action to de-energise User controlled plant in order to safeguard life, Plant and/or Apparatus a TO may operate the necessary Plant and/or without reference to NGC or another User even if the de-energisation of such Plant and/or Apparatus will result in the loss of generation and/or Demand.
- 2.1.4 Where any actions identified pursuant to section 2.1.2 or 2.1.3 would, if implemented, result in the TO's Transmission System operating outside of the relevant security standards, then the TO shall wherever practicable, liaise with NGC as part of the risk assessment process before implementing such actions. The risk assessment process should take into account the potential wider safety and system impacts of these actions. For the avoidance of doubt, this does not preclude the TO from switching TO Plant and/or Apparatus out of service in order to safeguard life, Plant or Apparatus without the agreement of NGC.
- 2.1.5 A TO shall contact NGC without delay following any actions taken pursuant to section 2.1.2, section 2.1.3 or section 2.1.4. Once contact is established with NGC, the TO shall inform NGC of the relevant Event(s) and any actions taken pursuant to section 2.1.2, section 2.1.3 or section 2.1.4. NGC and the TO shall then agree any further post Event actions where appropriate. Following such consultation between NGC and the TO, NGC shall be responsible for any post Event liaison with Users, where appropriate, regarding the actions taken pursuant to section 2.1.2, section 2.1.3 or section 2.1.4.
- 2.1.6 Where time allows liaison shall take place between a TO and NGC to discuss and agree any actions on that TO's Transmission System required to safeguard life, Plant or Apparatus. Such agreed actions shall be implemented in accordance with STCP 1-1: Operational Switching. NGC will be responsible for liaising with User(s), where applicable and where time allows, to mitigate the impact of any such actions upon User(s), before any release of TO Plant or Apparatus from operational service pursuant to this section 2.1.6.

2.2 Communications

- 2.2.1 Each TO is responsible for the management of all communications regarding Public and Site safety on the TO's Transmission System between that TO and members of the public, the emergency services and local authorities. All public emergency calls shall be directed to the relevant TO Call Centre or TO Control Room as appropriate.
- 2.2.2 When NGC receives information that may have site or public safety implications on a TO's Transmission System, NGC shall advise the relevant TO immediately. For the avoidance of doubt, the relevant TO shall be responsible for the management of further communications where required regarding site or public safety following the notification of information pursuant to this section 2.2.2 by NGC to the relevant TO.
- 2.2.3 When a TO receives information that may have site or public safety implications on another TO's Transmission System, the TO shall advise the other TO immediately. For the avoidance of doubt, the TO that owns the TO's Transmission System impacted by the information relating to site or public safety shall be responsible for the management of further communications where required regarding site or public safety following the notification of information pursuant to this section 2.2.3 by a TO to the other TO.

2.3 Re-energisation Policy

- 2.3.1 Following the automatic or manual de-energisation of a TO's Plant and/or Apparatus the TO shall assess and determine the availability of such Plant and/or Apparatus in accordance with the relevant TO policy and procedures. These TO policies and procedures are outlined in Appendix A of STCP 2-1: Alarm Event and Fault Management.
- 2.3.2 When the TO determines that such de-energised Plant or Apparatus is available for re-energisation the TO shall inform NGC as soon as reasonably practicable in accordance with STCP2-1: Alarm Event and Fault Management and STCP 4-4: Provision of Real Time Operational Information.

2.4 Site Safety

- 2.4.1 All site safety issues other than those contained within STC Section C, Part One, Paragraph 6 are the responsibility of each TO. Such site safety issues for which each TO is responsible include, but are not limited to:
- Safety Rules;
 - procedures relating to site safety issues;
 - authorisations; and
 - site access restrictions.
- 2.4.2 Each TO shall notify NGC, of all relevant safety bulletins, technical limitations, operational restrictions, special network arrangements or any other related document as appropriate at each site. NGC and each TO shall ensure compliance with these notifications in the planning and instruction of actions in accordance with STCP 1-1: Operational Switching.
- 2.4.3 NGC shall be responsible for ensuring that the GB Transmission System is operated in such a way that Plant and Apparatus is not operated or potentially (with respect to licence security standards) operated outside its TO specified (normal & enhanced capability) rating. The TO will support this process through the provision of the Services Capability Schedules, changes to the Operational Capability Limits and other operational information known to the TO and agreed as relevant with NGC.

2.5 Switchgear

- 2.5.1 NGC shall inform the relevant TO of any User's permanent or temporary permission to operate that User's switchgear in excess of its specified normal or enhanced capability rating as appropriate and of any restrictions or safety bulletins that shall be applied when operating that User's switchgear in excess of its specified normal or enhanced capability rating.

2.6 Circuit Breaker Operations

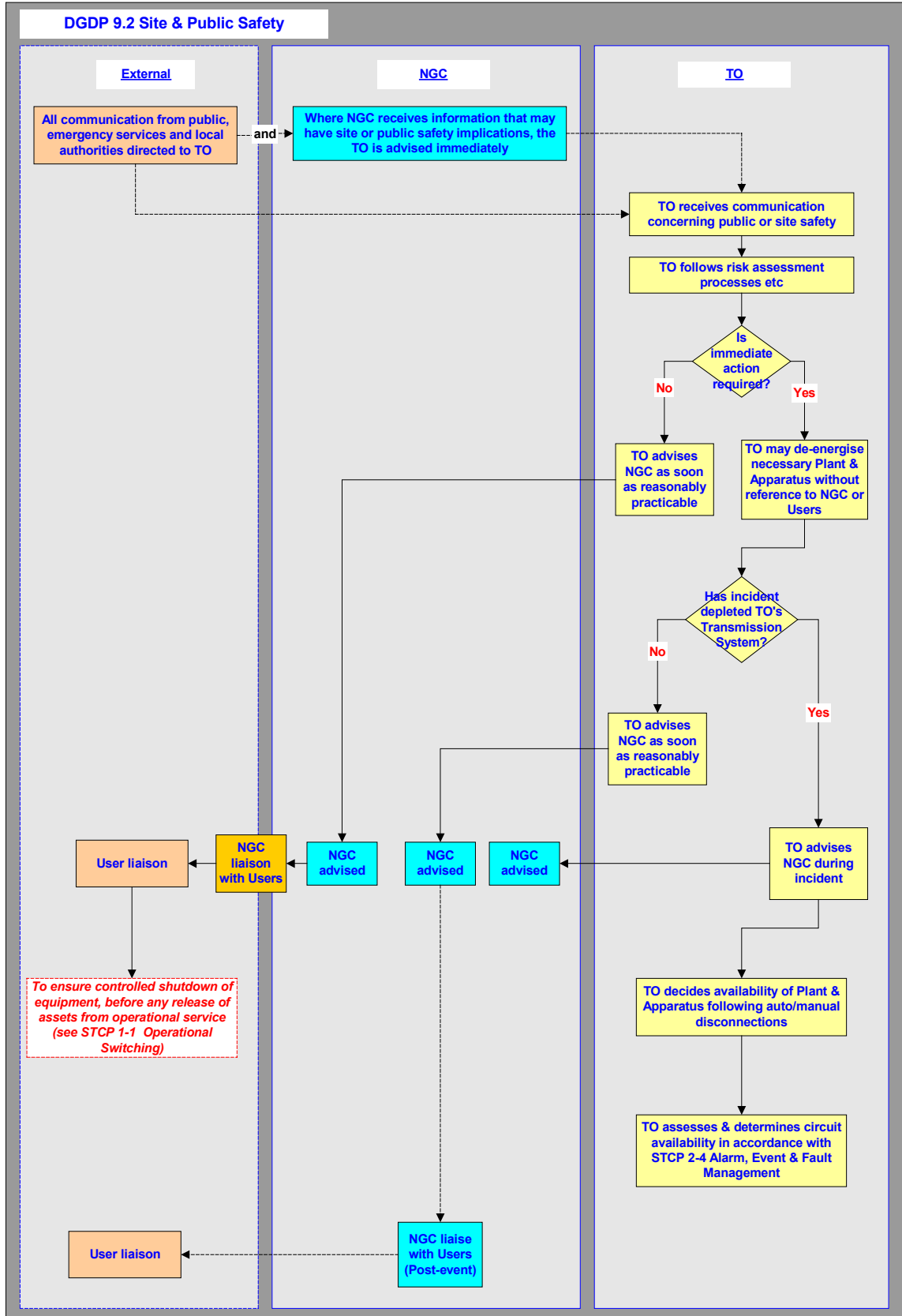
- 2.6.1 The TO shall monitor the number of circuit breaker operations and use reasonable endeavours to advise NGC of any circuit breaker that is approaching the maximum number of circuit breaker operations. An overview of the TO policies and procedures used to manage this process is contained within Appendix A of STCP 2.1: Alarm, Fault and Event Management.
- 2.6.2 To increase the number of permissible operations above the advised maximum level of circuit breaker operations, NGC must request and be granted permission from the relevant TO. A record of such agreement shall be logged by NGC and the relevant TO.

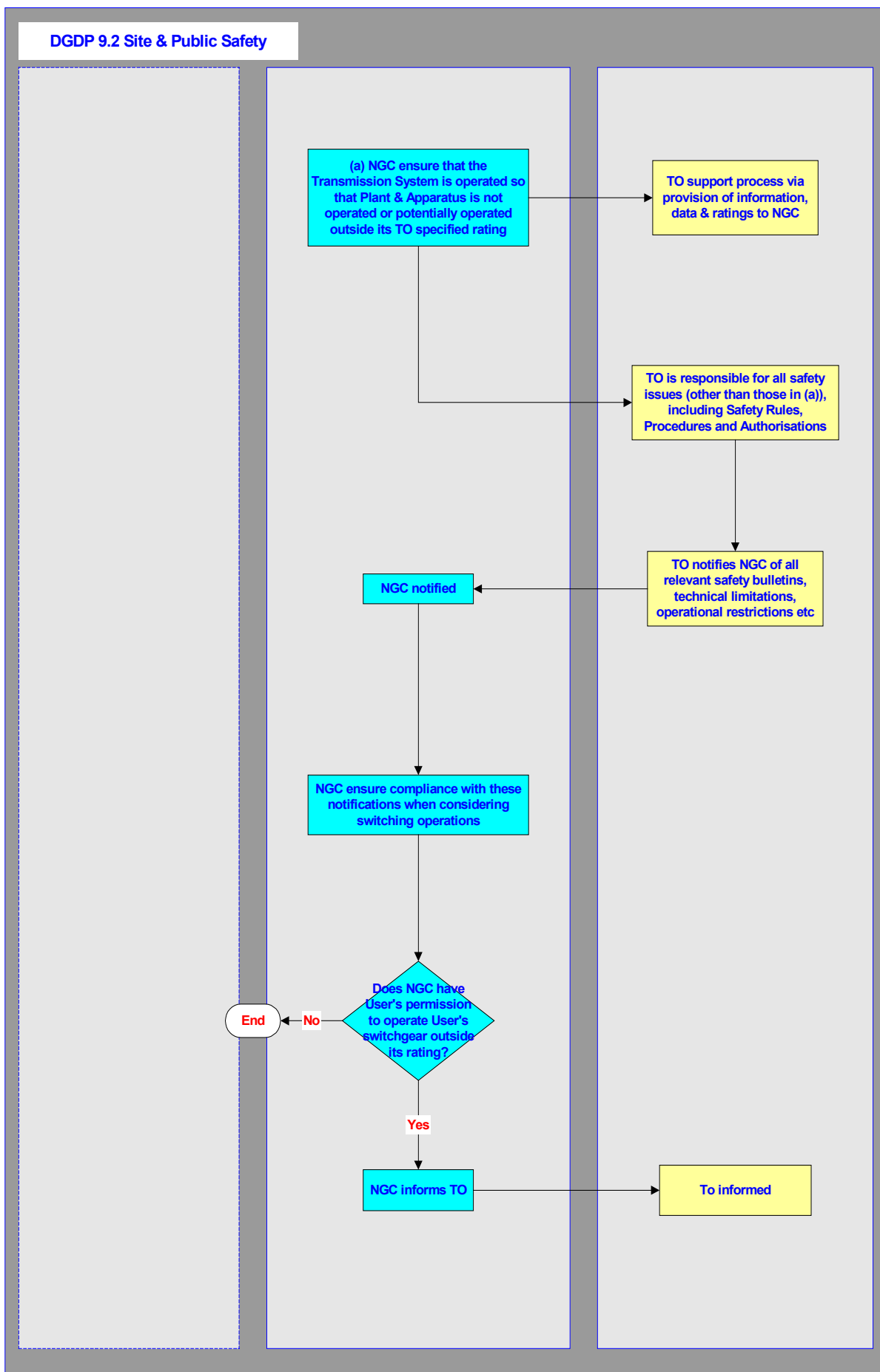
3 Disputes

- 3.1.1 In the event of an objection to an action, there should be an attempt to resolve the matter at the time. Should this not be possible, any Party may raise a dispute under the STC.

Appendix A: Process Diagrams

Note that the Process Diagrams shown in this Appendix B are for information only. In the event of any contradiction between the process represented in this Appendix and the process described elsewhere in this STCP, then the text elsewhere in this STCP shall prevail.





Appendix B – Definitions & Abbreviations

B.1 Abbreviations

SPT	Scottish Power Transmission Ltd
SHETL	Scottish Hydro Electric Transmission Ltd
NGC	National Grid Company plc

B.2 Terms defined in the STC:

Services Capability Specifications

Operational Capability Limits

Transmission System

B.3 Terms defined in the Grid Code:

Demand

Plant

Apparatus

Safety Rules

Users

B.4 Terms defined in other STCPs