

TRANSCO NETWORK CODE MODIFICATION PROPOSAL No. 0266

SHORT TITLE: Emergency Interruption During A Potential Network Gas Supply Emergency

DATE: 14/09/98 **PROPOSED IMPLEMENTATION DATE:** 15/11/98

URGENCY: Non-urgent procedures

JUSTIFICATION:

Emergency Exercise Flood recommended that Transco and shippers should work together to fully appraise the potential benefits of invoking emergency interruption prior to a Network Gas Supply Emergency being declared; i.e. at a Potential Network Gas Supply Emergency. A paper was presented to the Planning and Security Workstream and it was agreed to adopt the proposal of initiating emergency interruption on the declaration of a Potential Network Gas Supply Emergency if the emergency was caused by a capacity constraint on the NTS. This modification will not result in any changes to either Transco's or the NEC's Safety Case.

It is more likely that an emergency will occur during the winter period, and therefore this modification needs to be implemented before the middle of November (i.e. before there is a chance of severe weather).

CONSEQUENCE OF NOT MAKING THIS CHANGE:

If this change is not implemented, it will be necessary to declare a Stage 2 Network Gas Supply Emergency to invoke emergency interruption. This would entail the suspension of the normal commercial regime as stated in Section Q paragraph 4.1 "Suspension of Certain Provisions of the Code". If the constraint occurred downstream of an offtake (i.e. within the LDZ), then a Local Gas Supply Emergency would be declared and there would be no requirement to suspend commercial processes in order to invoke emergency interruption. This modification is intended to remove this anomaly and provide an additional option at Stage 1 of a Network Gas Supply Emergency.

AREA OF NETWORK CODE CONCERNED:

Section Q of the Network Code will require modification in the following paragraphs:-

- (a) Page Q5 para 2.1.1
Add "including a Potential Network Gas Supply Emergency"
- (b) Page Q6 para 2.2.1 (i)
Add "including a Potential Network Gas Supply Emergency"
- (c) Page Q6 para 2.2.2
Add "including a Potential Network Gas Supply Emergency"
- (d) Page Q8/9 para 2.6.2
Add "including a Potential Network Gas Supply Emergency"

- (f) Page Q10 para 3.1.3
Add "including a Potential Network Gas Supply Emergency"
- (g) Page Q10 para 3.2.1
Add "including a Potential Network Gas Supply Emergency" to any Gas Supply Emergency.

NATURE OF PROPOSAL:

It is proposed to invoke emergency interruption at the potential network gas supply emergency stage; instead of the network gas supply emergency stage as at present.

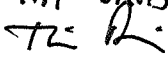
A potential network gas supply emergency is associated with the Stage 1 of the Transco/E/1 Network Gas Supply Emergency procedure. This occurs when the normal balancing regime using the Operational Guidelines fails to provide a safe supply and demand balance on the NTS. At this point Transco notifies the Network Emergency Coordinator and an emergency strategy is prepared. Currently Stage 1 actions include maximising use of NTS linepack, maximising use of LDZ storage and use of emergency spec gas. Under this proposal the use of emergency interruption could also be used at Stage 1 to help alleviate the potential or actual network gas supply emergency, however it would be used as a last resort, after the other actions available in Stage 1 have been exhausted.

PURPOSE OF PROPOSAL:

The proposal will enable normal commercial arrangements to continue, whilst carrying out emergency interruption. This will reduce the likelihood of an actual network gas supply emergency occurring; thereby providing maximum protection against a major disruption to commercial arrangements and at the same time providing the necessary physical protection from an increased risk of an actual Network Gas Supply Emergency.

IDENTITY OF PROPOSER'S REPRESENTATIVE:

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MODIFICATION PANEL SECRETARY'S USE ONLY

Reference Number: 0266

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