

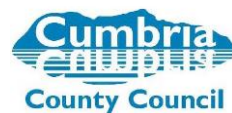
WHAT TO DO IN
AN
Emergency

AT
**SPIRIT ENERGY
BARROW GAS TERMINALS**

This guide has been prepared for
distribution to everyone within an area
up to approximately 1000m (1km) from
the Terminals

EMERGENCY INFORMATION
Listen to local radio

JULY 2019



Introduction

- The Spirit Energy Gas Terminals at Barrow in Furness are concerned with the reception and processing of natural gas and condensate, and the transmission of treated gas into the National Grid. The Terminals have been in operation since 1985, during which time there has never been an accident resulting in an injury to members of the public or an environmental incident that has resulted in damage to the environment.
- Scientific research has shown that areas up to 1000m from the Site could be affected in the unlikely event of a major incident occurring. It must be stressed that the possibility of such an incident is very remote and that the design and operation of all the plant at the Terminals is to the highest standards of safety which are independently monitored by the Health and Safety Executive.
- The Terminals are subject to Government Regulations* because of the quantity of unstabilised condensate stored on site. In accordance with these regulations, Spirit Energy has submitted a report to the Health and Safety Executive containing information relating to the safe operation of the Terminals. These regulations also require the preparation of On and Off Site Emergency Plans and the production of this booklet.
- It is important that you study this booklet carefully and keep it in a safe place

This booklet replaces the similar blue coloured booklet issued in November 2017 which should now be destroyed. Further copies are available from the addresses on page 13 and online at www.cumbria.gov.uk

**The Control of Major Accident
Hazards Regulations 2015*

Further Details

Further details of these emergency arrangements can be obtained from:

Spirit Energy
Barrow Gas Terminals
Rampside Road
Barrow in Furness
LA13 0QU
Telephone: 01229 822222

Further environmental information can be found on www.spirit-energy.com.

Resilience Manager
Cumbria County Council
Fire & Rescue Service HQ
Carleton Avenue
Penrith
Cumbria
CA10 2FA
Telephone: 01768 812500

emergency.planning@cumbria.gov.uk
www.cumbria.gov.uk

This publication can be provided in alternative formats on request.
Please contact Spirit Energy at the address above.

Key Actions

IN THE EVENT OF A MAJOR EMERGENCY AT SPIRIT ENERGY BARROW GAS TERMINALS

If you receive warning of a major incident, or become aware of one, or when the site emergency sirens are sounding continuously, remain calm and follow this advice:

1 GO INDOORS AND STAY THERE



2 CLOSE DOORS AND WINDOWS



3 LISTEN TO YOUR LOCAL RADIO STATION

Radio Cumbria 96.1 MHz FM
358m (837) KHz MW
Heart 96.9 MHz FM



4 DO NOT USE TELEPHONES (unless you need urgent help)



5 DO NOT ATTEMPT TO LEAVE THE AREA



6 FOLLOW EMERGENCY SERVICES ADVICE



For additional information see over

Your First Actions

SITE EMERGENCY SIRENS

If an Incident on site threatens to affect employees or the public, the emergency sirens will be sounded. The site sirens are tested at 11:00 hours each Friday. The sirens may on occasions sound as a result of other tests or false alarms; nevertheless it may be the first indication you get of an incident. Genuine emergencies will be confirmed as soon as possible by broadcast on local radio. If you hear the site sirens you should take the following actions:

- **GO INDOORS, CLOSE DOORS AND WINDOWS**
Ensure that all doors and windows are closed. Close curtains and blinds to avoid danger from flying glass and shelter in a room on the opposite side of the building to the Gas Terminals
- **DO NOT USE THE TELEPHONE**
In an emergency, the telephone systems may become overloaded and this may prevent emergency calls getting through. If you must make a call be please use a landline phone and be brief or send a mobile text message. Please do not make mobile phone calls.
- **TUNE INTO YOUR LOCAL RADIO STATION**
During an emergency incident, information and advice will be broadcast on local radio.
BBC Radio Cumbria on 96.1 MHz FM, 358m (837KHz) MW
The Bay 96.9 MHz FM.
- **DO NOT ATTEMPT TO LEAVE THE AREA**
Never be tempted to leave the area unless told to do so by the Police. You will be much safer indoors. If you are outside, you are more likely to be affected and if you try to leave you may block the roads for the emergency services.

- Check your next door neighbours have been warned. If you know of anyone who is elderly or infirm and who might have difficulty during the evacuation, please help them. If you are unable to help, tell the Police of their whereabouts and circumstances.
- Do not attempt to collect children from schools. The Police and their teachers will ensure that they are looked after.
- If you bring pets to the Reception Centre in a car, leave them in the car but do not fully close all the windows. Alternatively, temporary arrangements will be made for them.

End of the Emergency

- When the emergency is over, information will be broadcast on local radio

Evacuate

- If the Police advise you to evacuate from the area they will direct you to a Reception Centre, such as a local school, where you can stay until the emergency is over. The Police will tell you where the Reception Centre is.
- Use your own transport if possible and go directly to the Reception Centre. If travelling by car, keep all windows closed and turn off the heater and ventilation.
- If you have space in your vehicle, please take any neighbours who don't have their own transport.
- If you do not have transport, the Police may ask you to walk to an assembly point from where a bus will take you to a Reception Centre.
- Check your next door neighbours have been warned. If you know of anyone who is elderly or infirm and who might have difficulty during the evacuation, please help them. If you are unable to help, tell the Police about them.
- If your children are at school during an emergency, you will naturally want to collect them as soon as possible; however, it may not be safe to do so. They will be looked after as a priority group either at the school or evacuated to a safe place where they will be looked after by the school staff and those responding to the emergency. Please listen to local radio for advice and details of the arrangements that have been made.
- If you wish to stay with friends or relatives elsewhere you will of course be free to do so. However, it is vital that you register at the Reception Centre first, so that if someone asks the Police about you, they will be able to say that you are safe.
- If you need to re enter the evacuation zone to look after livestock, please contact the Police first.

What Could Happen?

- **FLAMMABLE GAS ESCAPE**

Areas downwind of the terminals could be affected if a gas cloud develops. If ignited, this could cause an explosion. If not ignited, dizziness, nausea and in extreme cases asphyxiation could be experienced.

- **TOXIC GAS (HYDROGEN SULPHIDE)**

Areas downwind of the terminals could be affected if there were a major escape of Hydrogen Sulphide. This is easily recognisable by its distinctive 'rotten eggs' odour. At low concentrations it could cause breathing difficulties and sore eyes. Prolonged exposure to higher concentrations may result in loss of sense of smell, lung or eye damage or in extreme circumstances may present a life threatening situation.

- **EXPLOSION**

If an explosion occurred, windows could be shattered, and the main dangers would be from flying debris and glass.

- **SMOKE**

Only areas downwind of the site would be affected. Smoke from fires is likely to be thick, dark, acrid and potentially choking.

Exposure to these hazards and other toxins, which could be released in a major accident, could in the short term result in breathing difficulties, eye irritation and in cases of serious exposure a life-threatening situation.

- **ENVIRONMENTAL EFFECTS**

It is considered unlikely that a major incident at the Terminals could have a significant long-term effect on the environment. However short-term effects may require access restrictions to be put in place whilst monitoring, evaluation and remediation measures are carried out. Remediation may include the removal of topsoil, restoration of water courses and in extreme cases recovery of dead wildlife and livestock may be required.

What you may need to do

The Police may ask you either to:

Shelter

in your own home, or in the nearest building if you are in the open. See page 7 for step by step advice about precisely what to do.

or to

Evacuate

to a RECEPTION CENTRE. See pages 8 and 9 for step by step advice about what to do.

Shelter

- Close all doors and windows and switch off ventilation fans, air conditioning and heating systems. Put out open fires.
- Shelter in a room on the opposite side of the building to the Gas Terminals. Keep away from windows to avoid any danger from flying glass, and under no circumstances go outside where you could be in danger of being caught in an explosion.
- Quickly check your neighbours have been warned and then immediately go indoors and stay there.
- Stay tuned to your local radio station
BBC Radio Cumbria on 96.1 MHz FM, 358m (837KHz) MW
The Bay 96.9 MHz FM.
- If your children are at school during an emergency, you will naturally want to collect them as soon as possible; however, it may not be safe to do so. They will be looked after as a priority group either at the school or evacuated to a safe place where they will be looked after by the school staff and those responding to the emergency. Please listen to local radio for advice and details of the arrangements that have been made.
- You will be told by the Police on local radio when it is safe to go outside again.