

# Electrabel

GDF SUEZ





On-site specifications:  
**Les Awirs power station**

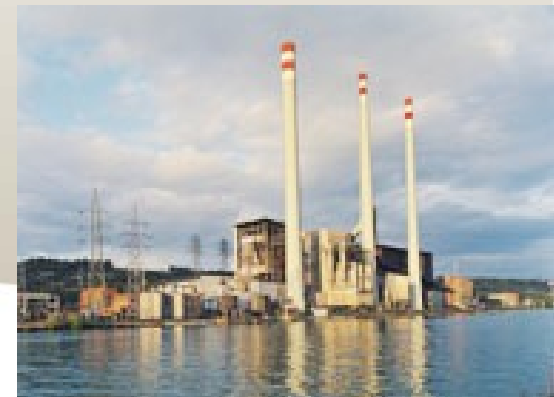
# LES AWIRS POWER STATION

Emergencies

Risk / Hazardous  
areas

Pipes

Work on gas  
installations



# EVACUATION (ALARM)

In the event of evacuation:

- Assembly area:

Mandatory badge swipe in the health unit courtyard



# IN AN EMERGENCY:

Les Awirs, near SEVESO sites: (e.g. PRAYON, powder factory)

- If the SEVESO siren sounds = > containment
  - Remain inside,
  - Close doors and windows,
  - Keep informed by radio,
  - Do not use the telephone

SEVESO Alert: periodic onsite tests



# IN AN EMERGENCY:

In the event of injury, for first aid:

- Health unit:
  - available onsite, at the plant entrance
  - key available at the CS and the guardhouse

Note: no medical staff on site.



# IN AN EMERGENCY:

In the event of heart trouble:

Defibrillator:

- At the entry of the control station T5
- In the health unit



## RISKS

### Natural gas

- Risk: Asphyxia
  - Fire
  - Explosion
  
- Prevention: Use personal protective equipment (self-contained mask)





## RISKS

### Heat

- Burns

### Steam

- Burns

### Hydrogen

- Explosion



# RISKS

## Explosive atmospheres (ATEX)

- Hazardous areas:
  - Natural gas: boiler, regulating station
  - Battery locations: H<sub>2</sub>
  - Alternators: H<sub>2</sub>
  - Pellet grinding



Gas substation hydrogen substation



# RISKS

## Chemical products

Hydrochloric Acid (HCl)  
Caustic Soda (NaOH)



Basin



Tank



# RISKS

## Hazardous areas

Emergency stop cable = >



Conveyor belts



T4 Grinding mills

T4: Flying wood ash, powdery and caustic

= > risk of chemical burn



# WORK ON GAS INSTALLATIONS

## Conditions to be met:

- ❑ Authorisation required prior to work
- ❑ Circuits rendered inert and void of gas
- ❑ Very low voltage explosion-proof lighting
- ❑ Sufficient quantity of extinguishers on hand
- ❑ No smoking or producing fire
- ❑ Beware of inert gases (nitrogen, CO<sub>2</sub>), which are asphyxiants.



**Vous avez l'énergie.**

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