

Grimsby O&M Operations

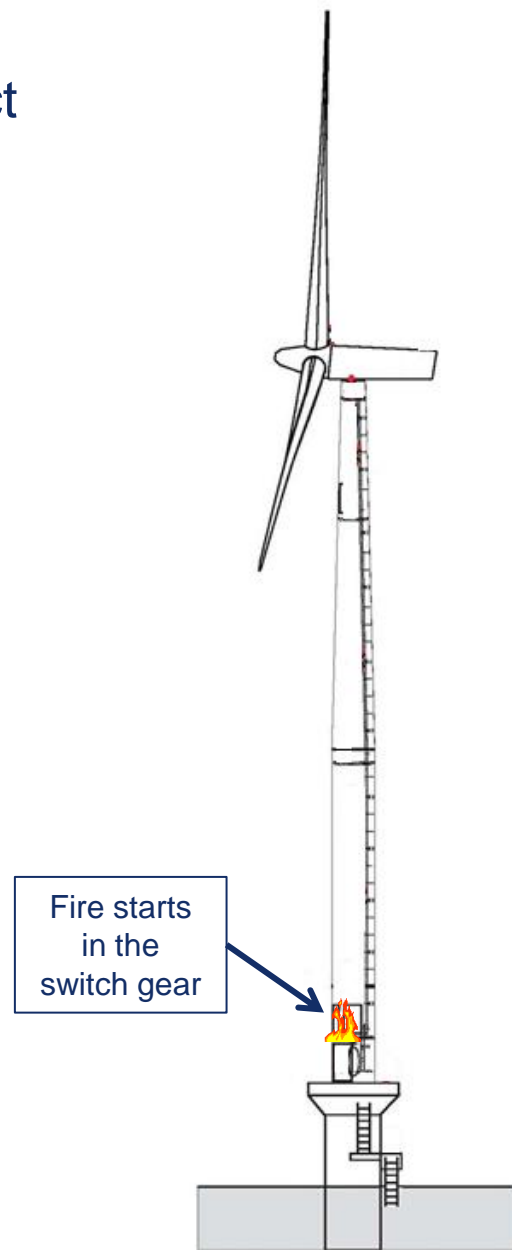
Wind Turbine Fire Simulation Example

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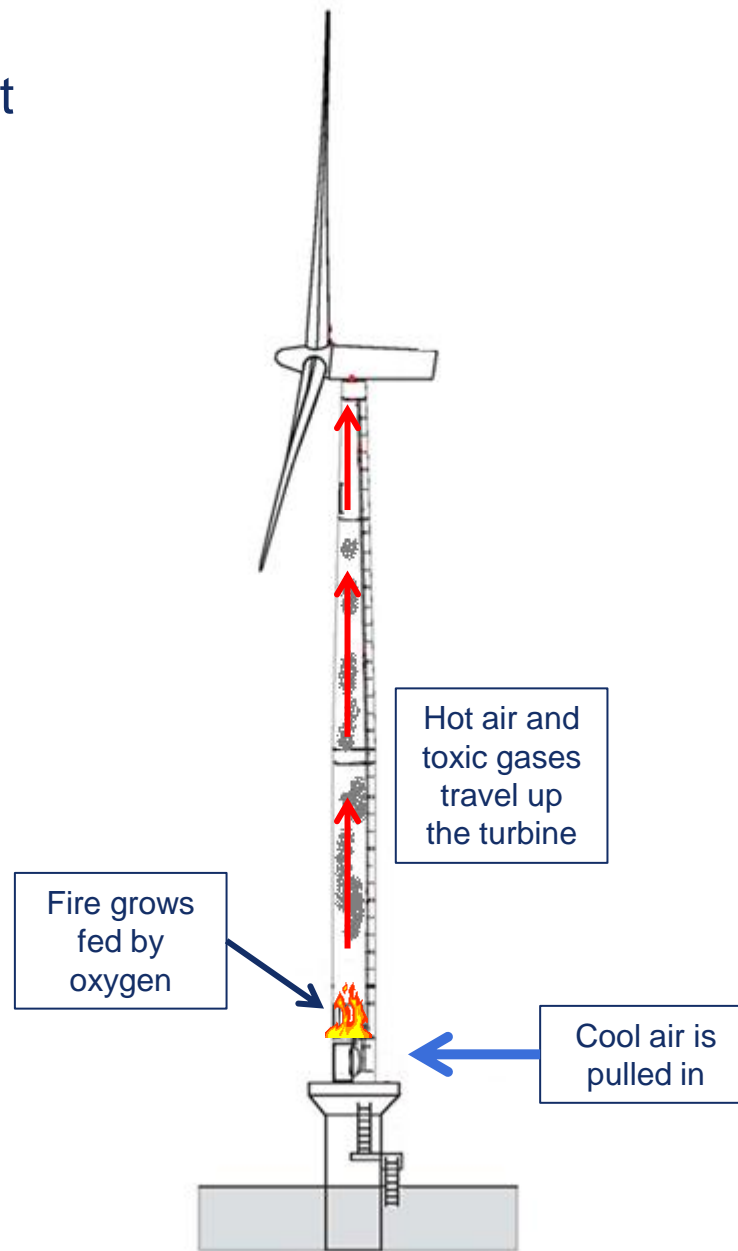
Stage One

The Chimney Effect



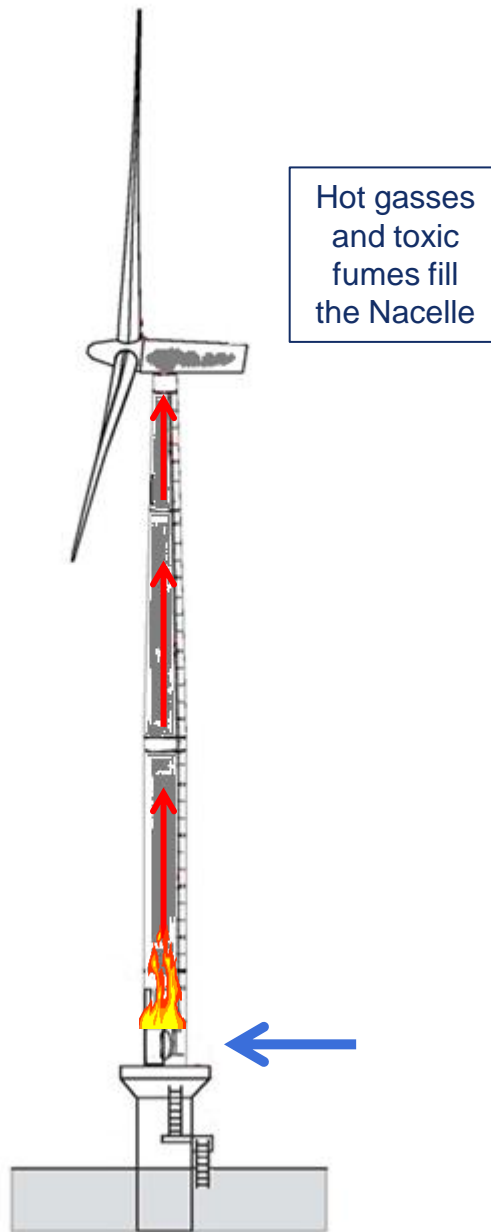
Stage Two

The Chimney Effect



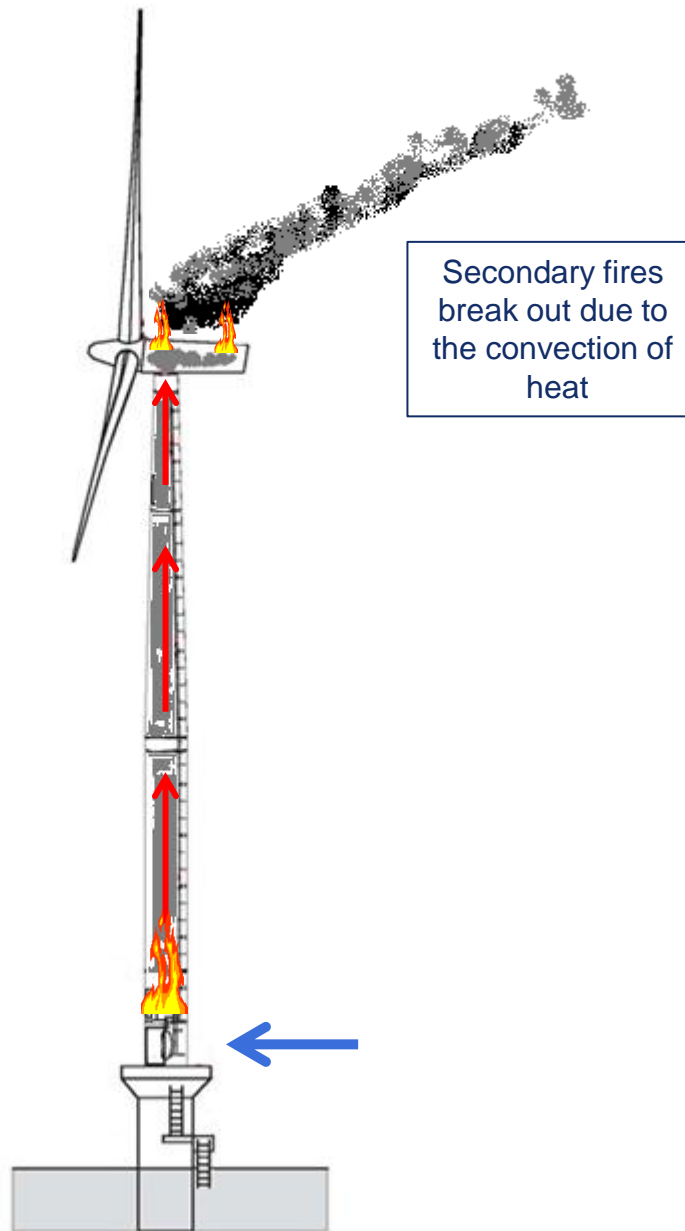
Stage Three

The Chimney Effect



Stage Four

The Chimney Effect



Picture from the Netherlands Fire.







Prevention Measures

- When in the turbine close the entrance door to limit the air flow to any potential fire.
- Ensure all hatches are closed to limit the air flow
- Ensure you are aware of what the fire alarm in the turbine sounds like
- Ensure you are familiar with the emergency escape plan from all locations within the turbine
- Ensure all escape equipment is accessible
- Do not store equipment in front of the emergency exits
- Ensure you are familiar with how to operate the emergency rope escape systems
- Know the location and types of fire extinguishers on the turbine
- Keep a high level of housekeeping in the turbine, do not leave combustibles anywhere on the turbine (Rubbish/Un-needed equipment)
- Ensure portable electrical equipment is tested and in good condition
- Ensure you know the location of persons working on the turbine
- If in doubt ASK.