

Cyclone Emergency Preparedness

NOPSA – OHS regulatory context

Gavin Guyan



OPGGSS Act 2006 & OPGGSS Regs 09

- Facility > Operator > Safety Case
- CI 9 Schedule 3

General & Specific Duties of Operators:

‘safe and without risk’

‘reasonably practicable’

including procedures for response to emergencies

Facility > Operator > Safety Case

- Contents of Safety Cases - (Reg. 2.16)

Evacuation, Escape & Rescue Analysis

Identify types of emergencies

Identify the technical & control measures necessary to reduce the risks to ALARP

Facility > Operator > Safety Case

- Contents of Safety Cases - (Reg. 2.20)
Emergency Preparedness

- Describe a response plan & provide for the implementation of the plan

- Plan must:

specify all reasonably practicable steps to ensure facility is safe and without risk to health & safety of personnel and

specify the performance standards that apply

Dangerous Occurrence History 2006 - 2009

- Four incidences of operator being unable to implement cyclone response plans (CRP) in the face of a cyclone.
 - 1 Jack-up MODU
 - 2 Semi-sub MODUs
 - 1 Moored Construction Vessel

Dangerous Occurrence Causal Factors

- **Delay in CRP implementation**
 - Operations focus with inadequate risk assessment
- **Unavailable (shared) resources**
 - Co-ordination & communication
 - Unserviceable aircraft
- **Peripheral Weather impact** (shore or transit route)
 - Aircraft operating envelope VFR / IFR
 - Weatherbound main or alternate airstrip
- **Facility local sea state**
 - Support vessel services unavailable

Thank you.

Risks reduced to a level that is ALARP

