

Notifiable incident

Incident ID [5467](#)

Duty holder: INPEX Operations Australia Pty Ltd
Facility/Activity: Ichthys Venturer
Facility type: Floating production storage and offloading facility

Incident details	
Division	Occupational Health and Safety
Notification type	Incident
Incident date	25/06/2018 03:09 AM (WST)
Notification date	26/06/2018 04:43 AM (WST)
NOPSEMA response date	25/06/2018 08:20 AM (WST)
Received by	[REDACTED]
Nearest state	WA
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	Unplanned event - implement emergency response plan
3 Day report received	27/06/2018
Final report received	13/07/2018
All required data received	13/07/2018
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	Unplanned event - implement emergency response plan
Brief description	OHS - UPE - GPA activated due to spurious fire indication at fire water generator room
Location	Process deck
Subtype/s	Alarm, Emergency response, Muster
Summary <i>(at notification)</i>	<ul style="list-style-type: none">- At 03:09 hrs GPA activated;- indication of fire at fire water generator room D;- facility mustered and all personnel was accounted for;- deployed ERT to location and there was no fire;- before deploying ERP, checked on CCTV cameras and no fire was observed;- on further investigation it is suspected to be a fault within the heat detector circuit causing the alarm;- still investigating cause of this fault;- as the facility mustered and there was confirmation of no fire, the fire water generator has been running as was shut down;- there after the facility was also shut down as the GPA initiated;- muster stood down at 03:48 hrs;- worked started to reinstate facility power and return to normal operations;- More detailed information will be provided on 3-day report.

Details <i>(from final report)</i>	<ul style="list-style-type: none"> - At 03:09 hrs GPA activated; - indication of fire at fire water generator room D; - facility mustered and all personnel was accounted for; - deployed ERT to location and there was no fire; - before deploying ERP, checked on CCTV cameras and no fire was observed; - on further investigation it is suspected to be a fault within the heat detector circuit causing the alarm; - still investigating cause of this fault; - as the facility mustered and there was confirmation of no fire, the fire water generator has been running as was shut down; - there after the facility was also shut down as the GPA initiated; - muster stood down at 03:48 hrs; - worked started to reinstate facility power and return to normal operations; - More detailed information will be provided on 3-day report. <p>At 03:09 hrs the facility experienced an unplanned alarm resulting in a General Alarm (GA) and Persons on Board (POB) muster.</p> <p>FPSO Venturer facility and Jascon 25 Accommodation Support Vessel (ASV) mustered and all persons were accounted for.</p> <p>The initiator was a confirmed fire indication from Fire Water Generator D room. This was due to 2 heat detector loops (S-833-DHC-915 A/B/C and S-833-DHC-916 A/B/C) going into alarm. CCTV cameras showed no fire event and the ERT was mobilised to investigate and found no indication of smoke or fire in Fire Water Generator D Room and no impact to Facility/Personnel/Environment.</p> <p>FPSO Venturer facility returned to normal status at 03:48 hrs.</p> <p>Investigation commenced.</p>
Immediate cause/s	GPA caused by spurious detection of fire at fire water generator room D. Initiation of 2 heat detector loops (S-833-DHC-915 A/B/C and S-833-DHC-916 A/B/C) in Fire Water Pump D room in aft Machinery Space. Investigation commenced.
Root cause/s	ED - DESIGN - Design specs - specs NI, HPD - HUMAN ENGINEERING - Human-machine interface - monitoring alertness NI
Root cause description	Type and location of heat detectors unsuitable considering heat gradients possible from a normal running or cooling engine. Weekly PM of Blackstart air compressor not executed to Work Instruction.

Duty inspector recommendation

Date	25/06/2018
Duty inspector	[REDACTED]
Recommendation	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Major investigation decision

Date	25/06/2018
Decision	Do not conduct Major Investigation
Reasoning	Does not meet MI threshold based on information received
Supporting considerations	

Non-major investigation review and recommendation

Date	05/07/2018
Inspector	[REDACTED]
Risk gap	None
Type of standard	Established
Initial strategy	Inclusion in annual stats/data analysis

Recommended follow up strategy	
Recommended strategy	Inclusion in annual report stats / data analysis
Supporting considerations	<p>Reviewed the 3 day report and incident was confirmed as false alarm. Fire water generator room D - heat detectors went into alarm and resulted in GPA. INPEX has commenced their investigation. The facilities (FPSO and ASV) mustered as required and subsequently stood down upon confirmation.</p> <p>The facility has previously mustered due to false alarm. [REDACTED]</p>

Non-major investigation decision	
Date	05/07/2018
RoN	[REDACTED]
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection	
Inspection ID	