

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 | |
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| 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. |

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| 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

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| 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

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| 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

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| 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 | |
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| 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 | |
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| 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 | |