

Notifiable incident

Incident ID [5007](#)

Duty holder: INPEX Operations Australia Pty Ltd
Facility/Activity: CPF Ichthys Explorer
Facility type: Other platform with accommodation facilities when drilling/workover facilities are not in commission

Incident details	
Division	Occupational Health and Safety
Notification type	Incident
Incident date	05/08/2017 04:30 PM (WST)
Notification date	05/08/2017 06:40 PM (WST)
NOPSEMA response date	05/08/2017 06:45 PM (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	08/08/2017
Final report received	05/09/2017
All required data received	05/09/2017
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 - 2 smoke detectors activated in column 4
Location	Deck
Subtype/s	Alarm, Muster
Summary <i>(at notification)</i>	Two smoke detectors went into alarm in Column 4 which initiated the GA and all persons went to muster. The area was investigated and declared clear. All persons stood down. The detectors had only just had their dust caps removed and it is suspected that this may have initiated the GA. The detectors are being investigated further.
Details <i>(from final report)</i>	<p>Two smoke detectors went into alarm in Column4 which initiated the GA and all persons went to muster. The area was investigated and declared clear. All persons stood down. The detectors had only just had their dust caps removed and it is suspected that this may have initiated the GA. The detectors are being investigated further.</p> <p>The initial report states:-The 3 technicians were carrying out maintenance work on the HVAC system in the void space. Two smoke detectors in Column4 Local Electrical Room (LER) void space activated, initiating the Inergen system for the space, the General Platform Alarm and an associated muster. All personnel on CPF & ASV were accounted for and the area was inspected by the emergency team. Initial investigations confirmed a false alarm. There was no evidence of smoke or fire in the area. Upon investigation it has been identified that the inergen system had discharged multiple cylinder banks (both main and reserve). As a result the Inergen protection for the affected spaces does not currently comply with the defined performance standard.</p>

Immediate cause/s	- The dust caps (and bags) remained on the smoke detectors post sail-away of the CPF from the Shipyard -? The Fire and Gas system in the location was not isolated or a manual over ride was not implemented prior to removing the dust caps -? The Reserve Isolation Valve that is on the P&ID as car-seal was open -? The SV22 and CIV8 valves to the Reserve INERGEN Cylinders passed causing cylinders in the reserve banks to activate -? The door to evacuate to Column 4 could not be opened in the normal manner during the event
Root cause/s	ED - PREVENTIVE MAINTENANCE - PM NI - PM for equip NI, ED - DESIGN - Design specs - problem not anticipated
Root cause description	Inspection Techniques Needs Improvement (dust caps still in place) Walk Thru Needs Improvement (dust caps still in place) No Preparation - (No Manual over Ride of Detector System) Problem Not Anticipated- (Door Does not Open)

Duty inspector recommendation

Date	07/08/2017
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	07/08/2017
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	07/08/2017
Inspector	[REDACTED]
Risk gap	None
Type of standard	Defined
Initial strategy	Inclusion in annual stats/data analysis

Recommended follow up strategy

Recommended strategy	Inclusion in annual report stats / data analysis
Supporting considerations	The CPF facility is currently going through commissioning phases (IHUC). There were previously reported other F&G detectors went into alarm and the facility mustered. The false alarms during IHUC phase is common occurrence. CPF has reported fewer notification on F&G alarms / facility muster during commissioning phase as compare to others. Spoken to [REDACTED] on 10 am 7/8/2017 - the loop testing of smoke detectors in column 4 was done prior & has resulted in smoke detectors went into alarm subsequently It was confirmed as a false alarm after facility muster, post muster investigation. Fault Investigation is ongoing to understand the root cause (NT)

Non-major investigation decision

Date	07/08/2017
RoN	[REDACTED]
RoN review result	Agree with recommendation
Strategy decision	Inclusion in annual report stats / data analysis
Supporting considerations	

Associated inspection

Inspection ID	
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