

Notifiable incident

Notification ID	NTF11792
Duty holder	Woodside Energy Ltd
Facility/Activity	Vincent
Nearest state	WA
Incident	OHS:UPE - Alarm and muster due to smoke detection in marine generation room

Basic information provided at time of notification	
Notification type	Incident
Incident date	03/10/2022 06:41 AM (AWST)
Notification date	04/10/2022 07:32 AM (AWST)
NOPSEMA response date	04/10/2022 08:30 AM (AWST)
Received by	[REDACTED]

Summary of information provided	
Brief descriptive title	OHS:UPE - Alarm and muster due to smoke detection in marine generation room
Incident location	
Subtype/s	Alarm, Muster
Summary <i>(provided at notification)</i>	Calling to notify of unplanned activation of our emergency response plan when at 0641 hours this morning, a general alarm was activated due to single smoke detector being initiated in our marine diesel generator room. At the time, a technician was preparing our marine diesel generator #2 to return to service when combustion products from the engine indicator Cox has activated the adjacent smoke detector in the area confirmed immediately to the CC that there's no fire. The facility muster was completed before we returned to normal status

Request permission to disturb the site	
Permission given	Not Applicable
Permission given by	
Permission given on	

Initial spill and release amounts	
Gas (kg)	
Liquid (L)	
Release type	
More information	

Details of person providing information to NOPSEMA	
Full name	[REDACTED]
Job title	[REDACTED]

Initial notification category	
Initial category type <i>(based on notification)</i>	Dangerous Occurrence
Initial category <i>(based on notification)</i>	OHS - unplanned event - implement emergency response plan

Running sheet

There are no running sheet entries for this notification

Decision

Escalate to level 1	Yes
Inspector	
Escalated on	04/10/2022 13:07

Final notification category

Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	OHS - unplanned event - implement emergency response plan

Immediate causes

Details	Technician failed to identify that when blowing engine over on air, combustion products could activate adjacent smoke detector.
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Initial report

Due date	06/10/2022
Received date	06/10/2022
Reviewed date	12/10/2022
Reviewed by	
Additional details provided by duty holder	<p>Brief description of incident Unplanned general alarm - "Indication of Smoke in the Marine Diesel Generator Room" when function testing #2 Marine Diesel Generator on Start Air with the engine cylinder indicator cocks open and MDO supply shut. Residual combustion products resulted in activation of adjacent smoke detector.</p> <p>Work or activity being undertaken at time of incident: Planned maintenance</p> <p>Action taken to make the work-site safe Action taken Task was completed to verify engine cylinders were clear. Indicator cocks were closed and engine started.</p> <p>Details of any disturbance of the work site: Smoke detector was reset following immediate notification of the inadvertent activation of the smoke detector. Full facility muster completed before returning facility to normal operating status</p> <p>Was an emergency response initiated? Yes Type of response - Automatic Alarm Muster Was anyone killed or injured? No</p> <p>Immediate action taken/intended, if any, to prevent recurrence of incident. Action - Post blow over of engine with air, engine indicator cocks were closed, and engine started Responsible party Completion date 04-Oct-2022 Actual or Intended Actual</p>

Final report

Due date	02/11/2022
Received date	06/10/2022
Reviewed date	12/10/2022

Reviewed by	██████████
Additional details provided by duty holder	<p>Full Report:</p> <p>Describe investigation in detail, including who conducted the investigation and in accordance with what standard/procedure</p> <p>Number 2 Marine diesel generator had been subject to significant intrusive maintenance by vendor as part of 1 yearly maintenance activity. Technician was preparing the engine to be returned to service at completion of the task. As per good practice, they proceeded to blow the engine over prior to test run to ensure the cylinders were clear. Fuel system was isolated to prevent starting and machine was rolled over on air with indicator cocks open. Compressed air was expelled which contained residual combustion products, activating the adjacent smoke detector, initiating a facility "general alarm"</p> <p>Technician immediately called the CCR and advised that there was no fire explaining the cause of the alarm and facility full muster completed. Muster achieved and facility returned to normal status</p> <p>Actions to prevent recurrence of same or similar incident: Action Develop Standard Operating Procedure for function test post 12-month service Responsible party ██████████ Completion date 15-Dec-2022 Actual or Intended Intended</p>

Final spill and release amounts	
Gas (kg)	0.00
Liquid (L)	0.00
Release type	
More information	

Root causes	
Code	
Description	<p>Has the investigation been completed? Yes</p> <p>Root cause analysis: Root Causes Analysis Factor: HP4-2 Procedures - Wrong Comments Technician referenced monthly start up procedure of diesel generator, which didn't include the requirement to blow engine over post intrusive maintenance, This resulted in the hazard of adjacent smoke detector being missed.</p>

All data received	
Date	12/10/2022

