

Notifiable incident

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|--------------------------|--|
| Notification ID | NTF11662 |
| Duty holder | Woodside Energy Ltd |
| Facility/Activity | CWLH OKHA FPSO |
| Nearest state | WA |
| Incident | OHS-DSCE - Fire monitor failed to operate remotely |

| Basic information provided at time of notification | |
|--|----------------------------|
| Notification type | Incident |
| Incident date | 23/07/2022 11:21 AM (AWST) |
| Notification date | 25/07/2022 03:22 PM (AWST) |
| NOPSEMA response date | 25/07/2022 05:00 PM (AWST) |
| Received by | [REDACTED] |

| Summary of information provided | |
|---|--|
| Brief descriptive title | OHS-DSCE - Fire monitor failed to operate remotely |
| Incident location | |
| Subtype/s | Other |
| Summary <i>(provided at notification)</i> | <p>During one-yearly routine testing the forward starboard bow fire monitor failed to operate remotely. Monitor was able to be operated manually, successfully re-tested.</p> <p>The issue is believed to be friction in the valve which is already planned to be replaced.</p> <p>3 & 30 day report to follow</p> |

| 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 - damage to safety-critical equipment |

Running sheet

There are no running sheet entries for this notification

Decision

| | |
|---------------------|------------------|
| Escalate to level 1 | Yes |
| Inspector | |
| Escalated on | 26/07/2022 07:37 |

Final notification category

| | |
|--|---|
| Final category type (based on final report) | Dangerous Occurrence |
| Final category (based on final report) | OHS - damage to safety-critical equipment |

Immediate causes

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|---------|--|
| Details | Stiction in the valve and actuator. The valve is already planned to be replaced. |
|---------|--|

Initial report

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|---|--|
| Due date | 26/07/2022 |
| Received date | 25/07/2022 |
| Reviewed date | 02/08/2022 |
| Reviewed by | |
| Additional details provided by duty holder | <p>Brief description of incident Whilst conducting routine 1yr PM testing of fire monitors, the FWD Stbd bow monitor failed to fully operate remotely. This is a non-conformance with acceptance criteria of Performance Standard F14.1.</p> <p>Work or activity being undertaken at time of incident 1 yearly PM Fire Monitor Testing</p> <p>What are the Internal Investigation Arrangements Internal investigation in accordance with the Woodside "Health, Safety and Environment Event Reporting, Investigating and Learning Procedure"</p> <p>Action taken to make the work-site safe: Action taken The valve was manually operated with the actuator and exercised, then successfully re-tested remotely, and also manually, without issue Details of any disturbance of the work site: Exercised and successfully retested valve and monitor</p> <p>Was an emergency response initiated? No Was anyone killed or injured? No</p> <p>Immediate action taken/intended, if any, to prevent recurrence of incident. Action Exercised and retested valve actuation multiple times Responsible party Completion date 23-Jul-2022 Actual or Intended Actual</p> |

Final report

| | |
|---------------|------------|
| Due date | 22/08/2022 |
| Received date | 01/08/2022 |
| Reviewed date | 08/08/2022 |
| Reviewed by | |

| | |
|---|---|
| Additional details provided by duty holder | <p>Full Report:</p> <p>During routine testing of the firewater monitors, the starboard side bow monitor 03M602001 failed to fully operate via remote push button activation. The attending operator then proceeded to initiate the monitor via the local manual activation spindle located at the monitor itself and this brought about a successful test. Remote push-button activation was then successfully retested. No SAP history of the actuator failure or replacement noted.</p> <p>Root cause Design Specs: Problem not anticipated - Equipment environment not considered. Mechanical stiction caused by accumulation of marine environment material in area between valve spindle and gland packing. Should be prevented by an application of lanolin grease (marine resistant lubricant)</p> <p>Actions to prevent recurrence of same or similar incident Action Clean out the area between the Shaft boss and the valve seal cavity. Apply lubrication to prevent build-up of foreign material.</p> <p>Responsible party [REDACTED] Completion date 26-Jul-2022 Actual or Intended Actual</p> <p>Action Function Test of 03M602001 FWD STBD Fire Water Monitor with in 30 Days to confirm operation Responsible party [REDACTED] Completion date 26-Jul-2022 Actual or Intended Actual</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: EQ1-1 Equipment Design - Design Specs Comments Problem not anticipated - Equipment environment not considered.</p> |

| All data received | |
|-------------------|------------|
| Date | 08/08/2022 |