

Notifiable incident

Notification ID [NTF11763](#)

Duty holder Woodside Energy Global Pty Ltd
Facility/Activity Pyrenees
Nearest state WA
Incident OHS-DSCE - Bund integrity failures on produced water reinjection pump pedestals

Basic information provided at time of notification

Notification type	Incident
Incident date	12/09/2022 06:00 AM (AWST)
Notification date	12/09/2022 08:15 AM (AWST)
NOPSEMA response date	12/09/2022 09:00 AM (AWST)
Received by	[REDACTED]

Summary of information provided

Brief descriptive title	OHS-DSCE - Bund integrity failures on produced water reinjection pump pedestals
Incident location	Process deck
Subtype/s	Facility integrity
Summary (provided at notification)	During service works workers observed some bonding had deteriorated on pump pedestals revealing holes. Temporary patches have been placed. Located underneath produced water system as part of process deck - Module C - starboard side.

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 (based on notification)	Dangerous Occurrence
Initial category (based on notification)	OHS - damage to safety-critical equipment

Running sheet

There are no running sheet entries for this notification

Decision	
Escalate to level 1	Yes
Inspector	[REDACTED]
Escalated on	12/09/2022 11:58

Final notification category	
Final category type <i>(based on final report)</i>	Dangerous Occurrence
Final category <i>(based on final report)</i>	OHS - damage to safety-critical equipment

Immediate causes	
Details	Corrosion of the bund deck plate.

Initial report	
Due date	15/09/2022
Received date	12/09/2022
Reviewed date	20/09/2022
Reviewed by	[REDACTED]
Additional details provided by duty holder	<p>Brief description of incident Bund integrity failures identified on both of the PWRI Pump pedestal bunds after corrosion scabs were dislodged during service work.</p> <p>Work or activity being undertaken at time of incident PWRI service work during TAR.</p> <p>What are the internal investigation arrangements? Nil – corrosion is the primary cause of the holes in the bund deck.</p> <p>Action taken to make the work-site safe: Action taken: Emergency patches applied to the holes and sheets of ply wood laid over general corrosion areas to spread the load of personnel continuing service work.</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 - Temporary Defined Life repairs to be applied to the corroded bund. - Responsible party - [REDACTED] - Completion date - 31/10/2022</p> <p>Action -Emergency Repairs completed to make site safe for continued service work in the TAR. - Responsible party - [REDACTED] - Completion date - 12-09-22</p>

Final report	
Due date	12/10/2022
Received date	05/10/2022
Reviewed date	11/10/2022
Reviewed by	[REDACTED]

Additional details provided by duty holder	<p>Full report</p> <p>The corrosion on the PWRI pedestal bund plating is isolated pitting with significant rust blisters predominately located in the forward section of the PWRI pedestals.</p> <p>The rust blisters obscure clear line of sight to the severity of the corrosion limiting ability to determine underlying bund integrity. In this instance a rust blister dislodged as a result of activity associated with service work revealing a hole through the bund deck plating.</p> <p>Further removal of similarly sized rust blisters revealed additional holes on both PWRI pedestals.</p> <p>The bund failure locations identified on the PWRI pedestal bund are in open areas of the bund and do not impact any of the structural components of either the pump or motor.</p> <p>Emergency repairs have been implemented thus far with a comprehensive campaign currently in planning to remove all of the scale and complete long term temporary repairs.</p> <p>The Intent of the long term temporary repairs is to provide bund integrity until bund deck plate can be replaced in the dry dock.</p> <p>Actions to prevent recurrence of same or similar incident:</p> <p>Action - Execute long term temporary repairs to the PWRI pedestal bunds. - Responsible party - [REDACTED] - Completion date - 31/12/2022</p> <p>Action - Development of a permanent PWRI bund deck plate repair scope to be completed in DryDock. - Responsible party - [REDACTED] - Completion date - 30/06/2023</p>
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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 cause 1 Bund integrity failures were attributable to localised corrosion of the carbon steel deck plating. Root cause 2 Coating breakdown may have been a contributory factor in the bund integrity failures.</p>

All data received	
Date	11/10/2022

