



PETROLEUMSTILSYNET

Statoil Petroleum AS

4035 Stavanger

Vår saksbehandler  
Amir Gergerechi

Deres ref.  
AU-TPD DW MU-00312

Vår ref. (bes oppgitt ved svar)  
Ptil 2016/1154/AG

Dato  
21.2.2017

Dear Sirs

**Report of the investigation of the well control incident in well 31/2-G-4 BY1H/BY2H on the Troll field with drilling unit *Songa Endurance* on 15 October 2016 and issue of an order (activity 001054030)**

We have conducted our investigation of the above-mentioned incident. Our investigation report is attached. We have identified breaches of the regulations. See chapter 5 in the report. Section 5.1 describes five nonconformities and section 5.2 describes improvement points. Several of the nonconformities are repeated in the planning and execution of the well operation.

The identified nonconformities concern:

- compliance with procedures
- design of well barriers
- risk assessment as a decision base for improving the efficiency of the operation
- expertise
- conduct of flow check.

The identified nonconformities largely coincide with nonconformities identified after the investigated well control incidents on Snorre A in 2004 and Gullfaks C in 2010. Following these incidents, Statoil has done extensive and long-term work and implemented many measures to comply with the orders. Important improvement measures in Statoil do not appear to have had sufficient effect in parts of the company's business.

We hereby issue the following order.

*Pursuant to section 69 of the framework regulations on administrative decisions, see sections 6 and 21 of the management regulations on management of health, safety and the environment and on follow-up respectively, we order Statoil to:*

- *identify the reasons why the improvement measures implemented in Statoil after the above-mentioned incidents and which have relevance for the conditions identified after this incident have not had the necessary effect on the Troll drilling organisation, and*
- *present a plan to ensure that the necessary improvement measures are implemented in and have the desired effect on the Troll drilling organisation.*

The deadline for complying with this order is 28 April 2017. We must be notified when the order has been complied with.

The report describes identified nonconformities in addition to those which form the basis for the notice of an order, and we request an explanation of how these nonconformities will be dealt with. The report also contains observations where a potential for improvement exists, and we request your assessment of these.

We would ask for a response to this letter by 27 March 2017. We also request that this letter and report are made known to the employees' union officials, including the safety delegates.

The letter and the report will be published on our website on 21 February 2017.

Yours faithfully

Kjell Marius Auflem, by authority  
supervision coordinator

Amir Gergerechi  
principal engineer

*This letter has been approved electronically in the PSA and accordingly bears no signatures*

Attachments: 4