



**Chief Safety Officer Decision (Temporary Exemption)**

**Date:** August 21, 2013

**C-NLOPB Reference:** 2012-RQ-0131

**Applicant:** Suncor Energy Inc.

**Applicant Reference:** 180.2

**Installation Name:** Terra Nova FPSO

**Authority:** *Canada-Newfoundland Atlantic Accord Implementation Act, subsection 151(1)*  
  
*Canada-Newfoundland and Labrador Atlantic Accord Implementation Newfoundland and Labrador Act, subsection 146(1)*

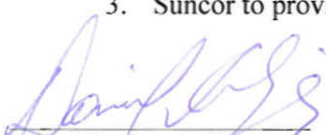
**Regulation:** Newfoundland Offshore Petroleum Installations Regulations, Section 32 (1).

**Decision:**

The Chief Safety Officer grants the applicant, the Operator for the Terra Nova FPSO, a temporary exemption from the requirements for a gas detection system that is capable of detecting hydrogen sulphide (H<sub>2</sub>S), until a permanent solution is implemented however no later than December 31, 2014.

The Chief Safety Officer is satisfied that the Operator has demonstrated that the utilization of the existing hydrocarbon gas detection to indirectly detect H<sub>2</sub>S is an acceptable interim measure providing that the levels of H<sub>2</sub>S associated with process streams are below 500 ppm. In addition, the Operator will utilize functioning wireless H<sub>2</sub>S detectors in the field where H<sub>2</sub>S could be present and has the potential to accumulate. The application has been approved subject to the following conditions:

1. Suncor to monitor and shut-in on hydrocarbon wells as required to prevent levels of H<sub>2</sub>S from exceeding 500ppm.
2. Suncor to provide a completion plan of the permanent solution for approval of the Chief Safety Officer no later than September 15, 2013.
3. Suncor to provide quarterly progress updates to the C-NLOPB.

  
Chief Safety Officer