



**Chief Safety Officer Decision (Regulatory Equivalence)**

**Date:** January 31, 2014

**C-NLOPB Reference:** 2013-RQ-0031

**Applicant:** Suncor Energy Inc

**Applicant Reference:** RQF 244

**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:** *Subsection 11(1) of the Newfoundland Offshore Petroleum Installations Regulations*

**Decision:**

The Chief Safety Officer concurs with the Applicant, the operator of the Terra Nova FPSO, to use electrical equipment in hazardous areas that has been approved and certified by the International Electrotechnical Commission System for Certification to Standards Relating to Equipment for use in Explosive Atmospheres (IEC Ex) and the ATEX directive in addition to equipment that has been approved by Underwriters Laboratories Inc. (UL), Factory Mutual Research Corporation (FM) or Canadian Standards Association (CSA), as long as:

- The electrical equipment is subject to risk assessment in accordance with the Applicant's management of change process to ensure the equipment is suitable for the location being installed and that the equipment meets the functionality, availability and survivability requirements of associated performance standards, as applicable;
- The conditions of certification as noted on the IEC Ex Certificate of Conformity are complied with and;
- The Certifying Authority has reviewed and accepted the equipment as being suitably rated for its intended use.

  
Chief Safety Officer