

CNSOPB



CANADA-NOVA SCOTIA
OFFSHORE PETROLEUM BOARD

Chief Safety Officer Decision

Decision Date: December 21, 2018
Applicant: ExxonMobil Canada Properties
Reference: RQ-167 - Thebaud Platform Power Supply, Post Cessation of Production
Project: Sable Offshore Energy Project
Installation Name: Thebaud Complex
Authority: Canada-Nova Scotia Offshore Petroleum Resources Accord Implementation Act (Federal version), Section 155(1)(b)
Regulation: Nova Scotia Offshore Petroleum Installations Regulations, Sections 11(4)(b), 11(4)(c), 12(1), and 12(2)

Decision:

ExxonMobil Canada Properties (Exxon) has requested a deviation to Sections 11(4)(b), 11(4)(c), 12(1) and 12(2), relating to requirements for primary and emergency sources of electrical power on an installation. The Thebaud complex is comprised of three bridge-connected platforms (process, compression, and well-head platforms), with primary and emergency power sources located on the process and compression platforms. With the planned cessation of production for the Sable Field, the two primary gas generators will no longer have a fuel gas supply, and electrical power will be supplied by three diesel generators, two of which are also designated as emergency power sources.

Acceptance of this deviation is based on the rationale that:

- The installation will have ceased gas production and process systems will be depressurized, reducing fire and gas risk and allowing unimpeded egress to the process platform temporary safe refuge (TSR) from the compression platform in an emergency.
- The process platform emergency generator will remain in emergency standby service.
- The compression emergency generator remains available for use as an emergency power source, however may also need to be used as a primary power source if the process platform diesel generator is offline, or is insufficient to meet peak electrical loads.

The Certifying Authority concurs that the proposal meets the requirements of Certificate of Fitness Regulations Section 4(2)(a)(ii).

The Chief Safety Officer hereby grants a deviation from the Nova Scotia Offshore Petroleum Installations Regulations, Sections 11(4)(b), 11(4)(c), 12(1) and 12(2), and is satisfied that these arrangements provide an equivalent level of safety to that provided by the regulations.

Robert Normore, B.Tech., CRSP
Chief Safety Officer