

**Saint John LNG Community Environmental Liaison Committee**

**Minutes of Meeting Saint John LNG CELC # 125**

Monday, 11 March 2024

6:00 pm – 8:00 pm

APPROVED

**Committee Present:**

- Armstrong, Carol Resident
- Carvana, Sergio Co-Chair (Canaport LNG)
- Dalzell, Gordon SJ Citizens Coalition for Clean Air
- Johnston, Jan Resident
- McAllister, Anne Member
- Perry, Yvonne Resident
- Thompson, David H. Member

**Committee Absent:**

- Debly, Teresa Resident
- McNeil, Pam Resident
- Turner, Rick Saint John Board of Trade

**Resources Present:**

- Caines, Crystal Fundy Engineering
- Dubee, Cathy NBDELG
- O'Brien, Kevin City of Saint John

**Observers:**

- Mary Milander

## **(1) INTRODUCTION:**

The meeting commenced with Sergio welcoming members.

## **(2) BUSINESS ARISING FROM PREVIOUS MEETINGS:**

Minutes of Meeting #124 were approved with no changes, motioned by Gordon Dalzell, and seconded by Dave Thompson. All were in favour.

## **(3) UPDATES**

The following updates were provided:

- Boil Off Gas (BOG) Liquefaction Project – continuing with the Front End Engineering Design (FEED), working through technical challenges to tie into existing flanged connections.
- Postponed CCELC bus tour to June for nicer weather and more daylight.
- Low send out at the Terminal currently, typical of this time of year.
- There was a ship in January and February to date this year.

Q1 (Gordon Dalzell): Will there be approvals required for the BOG Liquefaction Project?

A1 (Sergio Carvana): The construction will require an Approval to Construct from the Department of the Environment & Local Government, and upon being operational, the existing Approval to Operate will require amendments as the operation at the Terminal will change. We've had a few meetings to date with the Department of the Environment and Local Government. There really won't be much change in regards to impacts. For example, there will be no additional water use, no water emissions, less air emissions, no odours, *etc.* There will be a large propane tank required to be stored on site, which will have some fugitive emissions typical of any refrigerants.

Ann McAllister inquired on the safety aspects of the changes at the Terminal. Sergio commented that there will be many safety features incorporated into the design, including gas detectors, automated shut-offs, *etc.*

Q2 (Yvonne Perry): Will the BOG Liquefaction Project result in no flaring?

A2 (Sergio Carvana): That is correct. There will be two systems to handle any boil off gas, the booster compressor (that will allow the gas to be sent directly to pipeline), or the BOG Liquefaction, which would turn the gas back into a liquid for storage in the tanks.

Q3 (Ann McAllister): What is vented, under what conditions, and what are the risks?

A3 (Sergio Carvana): There is no venting from the BOG Liquefaction Project, it is a closed loop system. There are refrigerant atmospheric vents, which are only used in the event of an emergency.

The question of embrittlement arose. Because of the protocols and procedures in place to allow proper cool down of equipment before introducing LNG, equipment at the Terminal would never embrittle because of temperature. In addition, there are also temperature sensors on lines, so it is very difficult for embrittlement to occur.

Q4 (Yvonne Perry): Where is Galileo from? Would labourers be locally sourced, and if so, how many?

A4 (Sergio Carvana): The manufacturer (Galileo) is from New Jersey partially, although headquartered in Argentina. Labourers would be locally sourced, and worker estimates would be in the 100's. The project would need labourers for form work, fitters, welders, electricians, instrumentation, etc. There would be some outside help from Galileo technicians, but labourers would be local. The construction is estimated to last 14-18 months.

Discussions ensued on whether or not Corridor is still running in Sussex.

Action 125-11: Cathy Dubee to Inquire if Corridor is still up and running and report back to the committee

#### **(4) NEW BUSINESS / MEMBERS STATEMENTS**

Sergio Carvana provided a presentation to the committee detailing the efforts of the Leak Detection and Repair Program, which focuses on identifying any fugitive leaks at the Terminal. It may soon be regulated under the Clean Energy Act, but for the time being, Saint John LNG does it on a voluntary basis, and has done so for 7 years. The program started with the checking of 4000 potential source points, and has since expanded up to 6000 points. All leaks that are identified are fixed; however, some fixes are instantaneous, and some need some planning. If there was a situation where it was a safety concern, the Terminal would be shut down so it can be repaired immediately. There are also multiple gas detectors on site that will shut the plant down by itself if detection is present.

Sergio showed the committee how the various points are checked, via an Infrared Absorption Spectroscopy, which is a handheld laser unit that detects methane.

Q5 (Ann McAllister): What are the hazards from Natural Gas to workers?

A6 (Sergio Carvana): There are very few hazards; natural gas is not that flammable as it needs a certain percentage of air to gas mixture, and whereas it's half the weight of air, it dissipates very quickly. One of the hazards of LNG is cold exposure; however, everything is well insulated.

The Leak Detection and Repair Program is for all those small leaks that you would never see.

Refer to the attached presentation for more information on the program.

Cathy Dubee informed the committee on the National Air Pollution Surveillance Program, which is a program comprised of both continuous and (time-) integrated measurements of key air pollutants. More information is available at the link below:

<https://open.canada.ca/data/en/dataset/1b36a356-defd-4813-acea-47bc3abd859b>

**MEETING ADJOURNED: 8:00 PM**

**NEXT MEETING DATE: 10 JUNE 2024**

**LOCATION: SAINT JOHN LNG TERMINAL**

**ENCL: Leak Detection & Repair Program Presentation**

## TABLE OF ACTIONS / RESPONSIBILITIES

| Action # | Action Item   | Responsible Party | Due Date  |
|----------|---|-------------------|-----------|
| 124-1    | Plan a bus tour for an upcoming community liaison meeting                                   | SJLNG             | TBD       |
| 125-1    | Cathy Dubee to Inquire if Corridor is still up and running and report back to the committee | Cathy Dubee       | June 2024 |

## PARKING LOT - TABLE OF ACTIONS

| Action # | Action Item   | Responsible Party       | Due Date |
|----------|---|-------------------------|----------|
|          | Co-Chair Vacancy  |                         | N/A      |
| 120-1    | Track all news releases issued by Saint John LNG and share with committee | Saint John LNG / Sergio | Ongoing  |