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Via Electronic Mail and Hand Delivery

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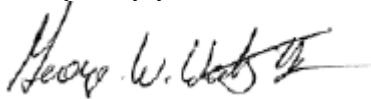
Emma Rodvien, Coordinator
Energy Facility Siting Board
89 Jefferson Boulevard
Warwick, RI 02888

Re: **The Narragansett Electric Company
(Portable LNG Vaporization Project Old Mill Lane, Portsmouth, RI)
EFSB Docket No. SB-2021-04
Responses to Acadia Center's Data Request from November 18, 2021 EFSB Hearing**

Dear Ms. Rodvien:

I am enclosing for filing on behalf of The Narragansett Electric Company an original and seven (7) copies of the Responses to Acadia Center's Data Request from the EFSB hearing held on November 18, 2021 in the above-referenced matter.

Very truly yours,



George W. Watson III

Enclosure

Copy to: Docket SB-2021-04 Service List (by electronic mail)

SB-2021-04 The Narragansett Electric Company d/b/a National Grid Application for License to Mobilize and Operate a Liquefied Natural Gas (LNG) Vaporization Facility at Old Mill Lane (Portsmouth, RI)

Updated October 1, 2021

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Data Request 1:

Quantify the methane leakage.

Response:

The trucks and hoses are not equipped with devices that can track methane emissions, so the Company is using the estimated emissions values for hose disconnection and vessel blowdown which are used by National Grid for National Grid LNG Plant purposes. The estimates are as follows:

- Approximately 1.65 cu ft each time the LNG liquid transfer hose is disconnected from the truck following delivery (LNG Truck Hose Venting),
- Approximately 6,550 cu ft during each blowdown venting of a transport vessel following delivery (LNG Truck Blowdown Venting).

Last winter (2020-21), the Company received nine LNG deliveries to the Old Mill Lane facility. Using the estimated values summarized above, the total methane emissions last winter were as follows:

- Approximately 14.5 cu ft from LNG Truck Hose Venting,
- Approximately 58,950 cu ft from LNG Truck Blowdown Venting.