



April 1, 2024

U.S. Department of Energy
Office of Fossil Energy and Carbon Management
Natural Gas Regulatory Activities
P.O. Box 44375
Washington, D.C. 20026-4375
Attention: Docket Room FE-34

**Re: Port Arthur LNG Phase II, LLC
DOE/FECM Order No.4562
FE Docket Nos. 20-23-LNG
Semi-Annual Report**

Dear FERC Staff,

On July 14, 2020, in DOE/FECM Order No. 4562, the U.S. Department of Energy, Office of Fossil Energy and Carbon Management ("DOE/FECM"), granted to Port Arthur LNG Phase II, LLC ("PALNG Phase II") a long-term, multi-contract authorization to export liquefied natural gas ("LNG") to nations that have free trade agreements with the United States requiring national treatment in the trade of natural gas ("FTA countries"). PALNG Phase II is a wholly owned subsidiary of Sempra Infrastructure Partners, LP ("Sempra Infrastructure"). One of the conditions of DOE/FECM authorizations is that PALNG Phase II file semi-annual written reports (on or before April 1 and October 1 of each year) describing the progress of the planned liquefaction facility from which PALNG Phase II will export LNG ("Liquefaction Expansion Project"). PALNG Phase II hereby submits the semi-annual report covering the period ending March 31, 2024 ("Reporting Period").

On February 19, 2020, PALNG Phase II filed an application with the Federal Energy Regulatory Commission ("FERC") requesting authorization under sections 3 of the Natural Gas Act to site, construct, and operate the Liquefaction Expansion Project. On January 15, 2021, the FERC issued an environmental assessment associated for the Liquefaction Expansion Project. On April 28, 2023, the FERC issued a supplemental environmental assessment for the Liquefaction

Expansion Project. On September 21, 2023, the FERC authorized the siting, construction, and operation of the Liquefaction Expansion Project.

Marketing and commercial activities for the Liquefaction Expansion Project continue to accelerate with significant interest from LNG buyers in both offtake and equity, while financing discussions with potential lenders also continue to progress. Engineering is well advanced with geotechnical analysis and front-end engineering and design completed.

On July 26, 2022, Sempra Infrastructure and Entergy Texas, Inc. (“ETI”) entered into a memorandum of understanding (the “ETI MOU”) to develop options to accelerate the potential deployment of ETI’s future renewable energy generation resources (and related “green” tariff) to serve the Liquefaction Expansion Project, as well as Sempra Infrastructure's other current or future facilities in Entergy Texas' Southeast Texas service area.

On March 29, 2024, Titan Carbon Sequestration LLC (“Titan”), a subsidiary of Sempra Infrastructure, and PALNG Phase II executed a memorandum of understanding (the “Titan MOU” together with the ETI MOU, the “MOUs”) to facilitate continuing development of the Titan Carbon Capture and Sequestration project (“Titan CCS Project”). Sempra Infrastructure continues to progress the Titan CCS Project, a proposed carbon capture and storage facility designed to sequester carbon dioxide from the Port Arthur LNG facility, including the Liquefaction Expansion Project. A Class VI application was filed with the U.S. Environmental Protection Agency (EPA) in February 2024. This proposed Titan CCS Project could provide a commercially feasible method to reduce the carbon intensity of LNG from the Liquefaction Expansion Project, subject to final determination of the project cost and commercial arrangements, receipt of all permits and a final investment decision.

The MOUs described above are non-binding, preliminary agreements that provide a framework for PALNG Phase II to progress discussions and further evaluate opportunities in collaboration with ETI and Titan, respectively, to potentially develop commercially feasible, technologically viable methods to reduce the carbon intensity of the Liquefaction Expansion Project.

Please contact me with any questions regarding this filing.

Respectfully submitted,

/s/ Jerrod L. Harrison

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On Behalf of Port Arthur LNG Phase II, LLC