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September 29, 2017

U. S. Department of Energy – The Office of Fossil Energy
Natural Gas Regulatory Activities
Attention: Larine Moore, Docket Room Manager
Docket Room FE-34
P.O. Box 44375
Washington, DC 20026-4375

Re: Sabine Pass Liquefaction, LLC
DOE Semi-Annual Report for Period of March 1, 2017, through August 31, 2017
FE Docket No / Order:
10-85-LNG / 2833
10-111-LNG / 2961
13-30-LNG, 13-42-LNG, and 13-121-LNG (Consolidated) / 3669
14-92-LNG / 3595
15-63-LNG / 3792

Dear Ms. Moore:

Pursuant to the above-referenced Orders, Sabine Pass Liquefaction, LLC (“Sabine Pass”), herein submits its semi-annual report for the reporting period of March 1 – August 31, 2017, describing the construction progress of the Sabine Pass Liquefaction Project. Please refer to **Attachment A** for a summary of construction activities that occurred during the reporting period. Included as **Attachment B** are the Monthly Reports which were submitted to Federal Energy Regulatory Commission under FERC Docket Numbers CP11-72-000, CP13-2-000, CP13-552-000, and CP15-482-000 during the reporting period.

Stage 2 (Trains 3 & 4) overall project completion is 99.9%. Train 3 and Stage 2 OSBL completed all commissioning activities and the facilities were placed in service on March 31, 2017. Train 4 underwent commissioning activities during this reporting period and is projecting October 2017 for substantial completion. Stage 3 (Train 5 and OSBL) overall project completion is 74.5%.

Should you have any questions about this filing, please feel free to contact the undersigned at (713) 375-5000.

Respectfully submitted,

/s/ Karri Mahmoud

Karri Mahmoud

Sabine Pass Liquefaction, LLC
Sabine Pass LNG, L.P.

Attachment A

Sabine Pass Liquefaction Project	
Construction Report for Period: March 1 – August 31, 2017	
Area	Comments
Liquefaction Project (CP11-72-000)	<ul style="list-style-type: none"> • Train 1 and Stage 1 OSBL facilities were placed in service on May 27, 2016. • Train 2 facilities were placed in service on October 12, 2016. • Train 3 and Stage 2 OSBL facilities were placed in service on March 31, 2017. • Train 4 facilities completed construction and underwent commissioning activities during this reporting period.
Meter Facility / Condensate (CP13-2-000)	<ul style="list-style-type: none"> • Construction activities completed.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> • Construction activities completed.
Liquefaction Stage 3 Area – Train 5 CP13-552-000)	<ul style="list-style-type: none"> • Continue concrete foundations and paving installations. • Continue to erect structural steel. • Continue installation of A/G pipe. • Continue cable tray installation and cable pulls. • Continue installation of roads, trenches and culverts. • Continue U/G firewater assembly and installation. • Set water treatment building equipment and continued GTG assembly. • Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. Set amine surge tank. • Commenced sitework related to added outfall structure, within site limits.

Attachment B

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report

March 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of March 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 84.3% and 96.7% complete, respectively. Overall project completion for Stage 2 is 97.3% against the plan of 100%.

Stage 3 Engineering is now 99.2% complete. Procurement is now 93% complete. Subcontract and direct hire work are 46% and 19.2% complete, respectively. Stage 3 overall project completion is 63.1% against the plan of 59.6%.

Train 3 achieved RFSU and first LNG on January 13th with a first cargo on January 24th. Train 3 substantial completion occurred on March 28, 2017. Train 4 is projecting November 2017 for substantial completion.

2.0 Project Highlights

Stage 2 engineering and procurement is complete, with support to construction activities continuing. Subcontracted activities continue (e.g. piping insulation, paving, and heat tracing). Train 3 restarted after strainer shutdown and successfully completed the performance test on March 17th and Substantial Completion was achieved on March 28th. Activities in Train 4 continue with a focus on the installation of A/G piping, pipe testing, pipe restoration, pipe insulation and compressor mechanical runs. In the Train 4 compressor area, the team has cold cranked one propane and one methane machine. Mineral and synthetic lube oil flushes are also ongoing in the compressor area. Fuel gas was introduced into Train 4 on March 26th to prepare for pre-commissioning of the compressors and thermal oxidizer.

Stage 2 flare modification cable pulling continued from OSBL utility substation towards the HPAA compressor area. Structural steel erection for flare modification at the HPAA compressor area commenced with four HPAA compressors set. A/G pipe and cable tray installation also commenced.

On Stage 3, engineering completed interlock and shutdown narratives control set points and completed the revisions to the IFC P&IDs. Procurement completed delivery of the heavy walled vessels and air cooler deliveries continued. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with primary focus in ISBL to complete mercury removal and hot oil foundations, while OSBL continued pipe racks and miscellaneous foundations. Steel erection continued in the cryo rack, propane condenser area, heavies removal area, propane refrigeration area, amine area, condensate stabilization, propane substation and utilities pipe rack in ISBL. In OSBL, steel erection continued in the main north-south pipe rack, main east-west pipe rack, utilities pipe rack, knockout drums pipe rack, and GTG pipe rack. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, compressor area, the propane condenser area and commenced in the amine area and utilities pipe rack area. A/G pipe testing continued related to the compressor area and propane condenser piping. OSBL A/G pipe installation continued in the main north-south pipe rack, the water treatment building and commenced in the utilities pipe rack and main east-west pipe rack. Revamp structural steel, A/G pipe, and cable tray installation continued. In the ISBL, the mercury removal beds and molecular sieve dehydrators were set, along with equipment in the refrigeration area and amine area. In ISBL, propane condenser and cryo rack fin fans continued to be set. In OSBL, the BOG compressor flare knockout drum, wet flare and dry flare knockout drums, and equipment in the water treatment

building were set. OSBL and ISBL sitework continued with roads, trenches and culverts installation and final grading.

3.0 Environmental, Safety, and Health Progress

During the month of March, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	106	2684	36	3064	0	97	0	13
Subcontractor	4	113	1	207	0	8	0	1
Total	110	2797	37	3271	0	105	0	14

4.0 Schedule

Train 3 achieved RFSU and first LNG on January 13th with a first cargo on January 24th. Train 3 substantial completion occurred on March 28, 2017. Train 4 is projecting November 2017 for substantial completion.

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in March	Planned Work for April
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> Completed A/G pipe insulation, lighting installation and punch list work-off. 	<ul style="list-style-type: none"> CCCT to SPL Operations occurred on March 31, 2017. No further construction activities will be reported.
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Continue AG pipe installation, testing, air blows, and restoration. Continue cable pulls, conduit, instrument, and tubing installation. Continue loop checks. Completed the setting of gas generators. Continue turbine cold cranks. Completed interlocks and introduced fuel gas on March 26, 2017. 	<ul style="list-style-type: none"> Continue AG pipe installation, testing, air blows, and restoration. Continue cable pulls, conduit, instrument, and tubing installation. Continue loop checks. Complete compressor mineral and synthetic lube oil flushes. Complete the last propane turbine cold crank. Commence mechanical run for refrigeration compressors. Commission thermal oxidizer and commence refractory dry out.
OSBL – Stage 2	<ul style="list-style-type: none"> Continue with pipe testing, air blows, and restoration. Steel erection and pipe installation commenced at the HPAA flare modification compressor area. HPAA flare compressor cable tray installation and cable pulling continued. Set HPAA compressors for flare modification. 	<ul style="list-style-type: none"> Continue with pipe testing, air blows, and restoration. Set HPAA air coolers for flare modification.

Construction Activities by Area		
Area	Construction Activities in March	Planned Work for April
Meter Facility (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> Continued foundation installation. Continued structural steel erection. Continued A/G pipe installation. Continued installation of grounding in all areas and cathodic protection for amine underground pipe. Continued cable tray installation related to ISBL substations. Set the propane condenser and cryo rack fin fans, equipment in the mercury removal, heavies removal, propane refrigeration, and amine areas. Continued installation of roads, trenches, culverts, and final grading. Continued underground firewater assembly, testing, and installation. Set equipment in the flare knockout drum area and water treatment building. Mobilized field erected tank team and commenced work for filtered water storage tank, demin water tank and RO water storage tank. 	<ul style="list-style-type: none"> Continue concrete foundation installations. Continue to erect structural steel. Continue installation of A/G pipe. Continue installation of grounding in all areas and complete cathodic protection installation for amine underground pipe. Continue installation of roads, trenches and culverts. Continue U/G firewater assembly and installation.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's report, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.
February 22, 2017	A mechanical issue was identified on the methane turbine during the initial performance test for Train 3. The turbine was replaced, and a subsequent 72 hour performance test was completed on March 17, 2017. A Root Cause Analysis is in progress by the turbine vendor to determine the cause of the mechanical issue.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Steven Kusy	March 21, 2017	Construction Inspection

7.0 Photos



Train 3 – Amine & Acid Gas Removal Area



Train 3 – Compressor Area



Train 3 – View From The Northwest Corner of ISBL



Stage 2 – HPA Flare Compressor Area



Stage 2 – HPA Flare Compressor Area



Train 5– Large Bore Piping Under Compressor Deck



Train 5 – H.S. Propane Feed Chiller In Hydration Area



Train 5 – Propane Condenser Rack Air-Cooled Exchangers Installation



Stage 3 OSBL – Erecting Bridge Structure Across Primary Road



Train 5 – Mercury Removal Area Vessels Setting



Train 5 – Structural Steel Erected Above A01 Compressors



Train 5 – Amine Area Vessels Setting

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report
April 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of April 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 88.8% and 97.4% complete, respectively. Overall project completion for Stage 2 is 98% complete.

Stage 3 Engineering is now 99.4% complete. Procurement is now 95.3% complete. Subcontract and direct hire work are 47.2% and 22.3% complete, respectively. Stage 3 overall project completion is 65.4% against the plan of 63.4%.

Train 4 is projecting November 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

2.0 Project Highlights

Stage 2 engineering and procurement is complete, with support to construction activities continuing. Subcontracted activities continue (e.g. piping insulation, paving, and heat tracing). Train 3 achieved substantial completion on March 28th. Activities in Train 4 continue with a focus on the installation of A/G piping, pipe testing, pipe restoration, pipe insulation and compressor mechanical runs. In the Train 4 compressor area, the team has completed mechanical runs on both ethylene machines and one propane machine. Mineral and synthetic lube oil flushes continue in the compressor area. Thermal oxidizer refractory dry out is complete and we commenced cold circulation of hot oil system.

Stage 2 flare modification cable pulling continued from OSBL utility substation towards the HPAA compressor area. Structural steel erection for flare modifications at the HPAA compressor area are completed with A/G pipe and cable tray installation continuing.

On Stage 3, engineering is substantially complete and is now concentrating efforts on punchlist closeout. Procurement completed delivery of the CO₂ Absorber, the WHRU, and air coolers. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with primary focus in ISBL related to crane leave-outs, while OSBL continued pipe racks, BOG, GTG, and miscellaneous foundations. Steel erection continued in the compressor shelter, cryo rack, propane condenser area, heavies removal area, propane refrigeration area, amine area, condensate stabilization, and utilities pipe rack in ISBL. In OSBL, steel erection continued in the main north-south pipe rack, flare pipe rack, and water treatment building. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, compressor area, the propane condenser, amine area, hot oil, propane refrigeration, and utilities pipe rack. OSBL A/G pipe installation continued in the main north-south pipe rack, utilities pipe rack, main east-west pipe rack, propane refrigerant pipe rack, and water treatment building. In the ISBL, the propane-ethylene condensers, propane suction drums, and heavies removal column were set. Propane condenser and cryo rack fin fans continued to be set, along with miscellaneous equipment. In OSBL, the BOG compressors were set, along with the water treatment building equipment. OSBL and ISBL sitework continued with roads, trenches, culverts installation and final grading. Revamp structural steel, A/G pipe, and cable tray installation continued.

3.0 Environmental, Safety, and Health Progress

During the month of April, the following ES&H related events occurred.

April	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	2	2686	49	3112	2	100	0	13
Subcontractor	0	113	1	208	0	8	0	1
Total	2	2799	50	3320	2	108	0	14

4.0 Schedule

Train 4 is projecting November 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in April	Planned Work for May
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> Achieved substantial completion on March 28, 2017 	<ul style="list-style-type: none"> No activities.
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Continued AG pipe installation, testing, air blows, and restoration. Continued cable pulls, conduit, instrument, and tubing installation. Continued loop checks. Continued compressor mineral and synthetic lube oil flushes. Commenced turbine mechanical runs. Commissioned thermal oxidizer. Completed refractory dry out. 	<ul style="list-style-type: none"> Continue AG pipe installation, testing, air blows, and restoration. Continue cable pulls, conduit, instrument, and tubing installation. Continue loop checks. Continue compressor mineral and synthetic lube oil flushes. Continue turbine mechanical runs.
OSBL – Stage 2	<ul style="list-style-type: none"> Continued A/G pipe testing, air blows, and restoration. Completed structural steel erection and pipe installation at the HPAA flare modification compressor area. Continued HPAA flare compressor cable tray installation and cable pulling. 	<ul style="list-style-type: none"> Continue A/G pipe testing, air blows, and restoration. Continue cable pulls, conduit, instrument, and tubing installation. Continue loop checks. Complete compressor mineral and synthetic lube oil flushes. Complete the last propane turbine cold crank. Complete mechanical run for refrigeration compressors.
Meter Facility (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

Construction Activities by Area		
Area	Construction Activities in April	Planned Work for May
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> Continued foundations and paving installation. Continued structural steel erection. Continued A/G pipe installation. Continued installation of grounding in all areas. Continued cable tray installation related to ISBL substations. Set the propane condenser and cryo rack fin fans, equipment in the mercury removal, heavies removal, propane refrigeration, and amine areas. Continued installation of roads, trenches, culverts, and final grading. Continued underground firewater assembly, testing, and installation. Set BOG compressors and water treatment building equipment.. Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. 	<ul style="list-style-type: none"> Continue concrete foundations and paving installations. Continue to erect structural steel. Continue installation of A/G pipe. Continue installation of grounding in all areas. Continue cable tray installation. Continue installation of roads, trenches and culverts. Continue U/G firewater assembly and installation. Continue setting propane condenser and cryo rack fin fans. Continue foundation works in main flare pipe rack and GTG area. Continue to set equipment in the water treatment building. Commence high voltage cable pulls. Continue fabrication of filtered water storage tank, demin water tank and RO water storage tank.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's report, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
N/A			

7.0 Photos



Train 3 – Turnover to Cheniere



Stage 2 Flare Modification – Compressor Area



Train 4 –Fuel Gas Area



Train 4 – View From Top of Cryo Rack



Train 4 – Compressor Area



Train 5 – Propane Refrigeration Area



Stage 3 OSBL – Water Treatment Building



Stage 3 OSBL – Erecting Cable Tray on North Side of Utility Substation

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report
May 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of May 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 91.0% and 97.1% complete, respectively. Overall project completion for Stage 2 is 98.1% complete against the plan of 100%.

Stage 3 Engineering is now 99.7% complete. Procurement is now 96.2% complete. Subcontract and direct hire work are 47.4% and 26.3% complete, respectively. Stage 3 overall project completion is 67.2% against the plan of 65.7%.

Train 4 is projecting November 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

2.0 Project Highlights

Stage 2 engineering and procurement is complete, with support to construction activities continuing. Subcontracted activities continue (e.g. piping insulation, paving, and heat tracing). Activities in Train 4 continue with a focus on the installation of A/G piping, pipe testing, pipe restoration, and pipe insulation. In the Train 4 compressor area, the team has completed mechanical runs on all remaining compressors and commenced piping restoration. Chemical cleaning and leak checking of A/G piping in the Amine system completed.

Stage 2 flare modification cable pulling continued from OSBL utility substation towards the HPAA compressor area with cable termination in progress. A/G pipe and instruments installation continued.

On Stage 3, engineering is substantially complete and is now concentrating efforts on punchlist closeout. Procurement continued with various bulk deliveries and completed all awards in support of the flare modifications. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with ISBL primary focus on the crane leave-outs, while OSBL continued pipe racks, BOG, GTG, and miscellaneous foundations. Steel erection continued in the compressor shelter, cryo rack, propane condenser area, heavies removal area, propane refrigeration area, condensate stabilization in ISBL. In OSBL, steel erection continued in the main north-south pipe rack, flare pipe rack, BOG shelter, and water treatment building. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, hot oil, compressor, propane condenser and amine areas, and hot oil, propane refrigeration, H₂S removal, and utilities pipe racks. OSBL A/G pipe installation continued in the main north-south pipe rack, utilities pipe rack, main east-west pipe rack, propane refrigerant pipe rack, knock out drums pipe rack, GTG pipe rack, and water treatment building. In the ISBL, the propane accumulator, hot oil surge drum, and CO₂ absorber were set. Propane condenser, AGRU, and cryo rack fin fans continued to be set, along with miscellaneous equipment. In OSBL water treatment building equipment and miscellaneous equipment were set. Cable tray installation continues in ISBL related to the propane condenser rack, with cable pulls in the unit commencing. Cable tray installation in main north-south and utilities rack continues. OSBL and ISBL site work continued with roads, trenches, culverts installation and final grading. Revamp structural steel, A/G pipe, and cable pulls continued.

3.0 Environmental, Safety, and Health Progress

During the month of May, the following ES&H related events occurred.

May	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	6	2694	34	3162	1	101	0	13
Subcontractor	1	115	5	214	0	8	0	1
Total	7	2809	39	3376	1	109	0	14

4.0 Schedule

Train 4 is projecting November 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in May	Planned Work for June
Liquefaction Stage 2 Area – Train 3	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Continued installation, testing, air blows, restoration, and insulation. Continued cable pulls and conduit, instrument and tubing installation. Continued loop checks. Completed refrigeration compressors mechanical run. Commenced circulation of hot oil system with thermal oxidizer. Completed chemical clean and leak check of A/G piping in the Amine system. 	<ul style="list-style-type: none"> Complete installation and testing of A/G pipe. Continue air blows, restoration, and insulation. Continue installation of conduit, instruments and tubing. Continue cable pulls and loop checks. Continue circulation of hot oil system with thermal oxidizer.
OSBL – Stage 2	<ul style="list-style-type: none"> Continued A/G pipe testing, air blows and restoration. Continued HPAA flare compressor A/G pipe, cable tray installation, and cable pulling. 	<ul style="list-style-type: none"> Complete cable pulling and terminations for the HPAA flare modification. Complete A/G pipe testing, air blows and restoration for the HPAA flare modification.
Meter Facility / Condensate (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

Construction Activities by Area		
Area	Construction Activities in May	Planned Work for June
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> Continued foundations and paving installation. Continued structural steel erection. Continued A/G pipe installation. Continued installation of grounding in all areas. Continued cable tray installation related to ISBL substations. Commenced cable pulls. Set the propane condenser and cryo rack fin fans. Continued installation of roads, trenches, culverts, and final grading. Continued underground firewater assembly, testing, and installation. Set BOG compressors and water treatment building equipment. Continued cable tray installation. Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. 	<ul style="list-style-type: none"> Continue concrete foundations and paving installations. Continue to erect structural steel. Continue installation of A/G pipe. Continue installation of grounding in all areas. Continue cable tray installation. Continue installation of roads, trenches and culverts. Continue U/G firewater assembly and installation. Continue setting propane condenser and cryo rack fin fans. Continue miscellaneous foundation works. Continue to set equipment in the water treatment building. Continue high voltage cable pulls. Continue A/G pipe installation. Continue fabrication of filtered water storage tank, demin water tank and RO water storage tank.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's reports, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
FERC	Steven Kusy and Dakoriye Charles	May 25, 2017	Construction Inspection. No deficiencies noted.

7.0 Photos



Train 4 – Methane Cold box



Train 4 – Mercury Removal & Dehydration Area – North



Train 4 – Hot Oil Area



Train 4 – Propane Refrigeration Area



Train 5 – Ethylene Surge Drum Set in Propane Refrigeration Area



Train 5 – Installing Cable Tray in Propane Condenser Rack



Stage 3 OSBL – Steel Erection for Water Treatment Building



Stage 3 Flare Modification – Compressor Area Pilling

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report

June 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of June 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 93.8% and 99.7% complete, respectively. Overall project completion for Stage 2 is 99.0% complete against the plan of 100%.

Stage 3 Engineering is now 99.9% complete. Procurement is now 96.6% complete. Subcontract and direct hire work are 48.5% and 30.5% complete, respectively. Stage 3 overall project completion is 69% against the plan of 70%.

Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

2.0 Project Highlights

Activities in Train 4 continue with a focus on the installation of A/G piping, pipe testing, pipe restoration, and pipe insulation. In the Train 4 compressor area, the team completed the high pressure leak check for Unit 15 and introduced feed gas on June 4th. Train 4 also completed the nitrogen run for the ethylene compressors and commenced perlite loading.

Stage 2 flare modification cable pulling and termination from OSBL utility substation towards the HPAA compressor area is completed along with A/G pipe and instruments installation. Pre-commissioning of HPAA compressors is in progress.

On Stage 3, engineering is substantially complete and is now concentrating efforts on punch list closeout. Procurement delivered the thermal oxidizer, analyzer shelters, various bulk commodities and continued awards in support of the flare modifications. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with ISBL primary focus on the crane leave-outs, while OSBL continued in process flare, LNG sump, and miscellaneous foundations. Steel erection continued in the compressor shelter, propane refrigeration area, condensate stabilization, ethylene cold box, and miscellaneous and vendor dress out in ISBL. In OSBL, steel erection continued in flare pipe rack, BOG shelter, and water treatment building. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, hot oil, compressor, propane condenser, amine areas, hot oil, propane refrigeration, H₂S removal, ethylene cold box, methane cold box, and utilities pipe racks. OSBL A/G pipe installation continued in the main north-south pipe rack, utilities pipe rack, main east-west pipe rack, propane refrigerant pipe rack, knock out drums pipe rack, GTG pipe rack, instrument/plant air area, and water treatment building. In the ISBL, compressor duct work erection continued.

The Train 5 propane refrigeration equipment, thermal oxidizer, solvent regenerator, and analyzer building were set, along with miscellaneous equipment. In OSBL, the GTG, water treatment building equipment and miscellaneous equipment were set. Cable tray installation continues in ISBL related to the propane condenser rack, cryo rack, mercury removal area, fuel gas facilities, and compressor area. Cable pulls continued in ISBL. Cable tray installation in main north-south, main east-west, and utilities rack continues. OSBL and ISBL sitework continued with roads, trenches and culverts installation and final grading. Revamp A/G pipe and high voltage cable pulls continued.

3.0 Environmental, Safety, and Health Progress

During the month of June, the following ES&H related events occurred.

	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	2	2694	45	3210	1	102	0	13
Subcontractor	0	115	1	216	1	9	0	1
Total	2	2809	46	3426	2	111	0	14

4.0 Schedule

Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in June	Planned Work for July
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Continued installation, testing, air blows, restoration, and insulation of AG piping. Continued cable pulls and conduit, instrument and tubing installation. Continued loop checks. Continued circulation of hot oil system with thermal oxidizer. Completed leak check for Unit 15 and introduced feed gas. 	<ul style="list-style-type: none"> Complete installation and testing of A/G pipe. Complete air blows and restoration of AG pipe. Continue AG pipe insulation. Continue installation of conduit, instruments and tubing. Continue cable pulls and loop checks.
OSBL – Stage 2	<ul style="list-style-type: none"> HPAA flare compressor A/G pipe, cable tray installation, cable pulling and cable termination completed. HPAA flare compressor pre-commissioning activities commenced. 	<ul style="list-style-type: none"> Complete pre-commissioning activities for the HPAA flare modification.
Meter Facility / Condensate (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

Construction Activities by Area		
Area	Construction Activities in June	Planned Work for July
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> • Continued foundations and paving. • Continued steel erection in various areas. • Continued A/G pipe installation. • Continued cable tray and cable pulls. • Equipment setting continued with thermal oxidizer, solvent regenerator, propane refrigeration, analyzer building, and mercury removal area equipment. • Continued underground firewater assembly, testing, and installation. • Set water treatment building equipment and GTGs. • Continued Revamp A/G pipe and continued high voltage cable pulls. • Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. • Set amine surge tank. 	<ul style="list-style-type: none"> • Continue concrete foundations and paving installations. • Continue to erect structural steel. • Continue installation of A/G pipe. • Continue cable tray installation. • Continue installation of roads, trenches and culverts. • Continue U/G firewater assembly and installation. • Continue setting propane condenser and cryo rack fin fans. • Continue miscellaneous foundation works. • Commence HPAA compressor foundation work. • Continue A/G pipe installation. • Continue fabrication of filtered water storage tank, demin water tank and RO water storage tank.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> • No activities. 	<ul style="list-style-type: none"> • No activities.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's reports, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Pictures



Train 5 – Compressor Area



Train 5 – Dehydration / Mercury Removal and Hot Oil Areas



Train 5 – Heavies Removal Area



Train 5 – Thermal Oxidizer Installation



Stage 3 OSBL – Flare Base Foundation Ready to Pour Concrete



Stage 3 OSBL – Water Treatment Area

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report
July 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of July 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 96% and 99.6% complete, respectively. Overall project completion for Stage 2 is 99.5% complete against the plan of 100%.

Stage 3 Engineering is now 100% complete. Procurement is now 97.7% complete. Subcontract and direct hire work are 55.0% and 35.2% complete, respectively. Stage 3 overall project completion is 71.8% against the plan of 72.3%. Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

2.0 Project Highlights

On Stage 3, engineering is complete and is now concentrating efforts on punchlist closeout. Procurement shipped the cold boxes and flares. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with ISBL primary focus on the crane leave-outs, while OSBL commenced foundation work related to HPAA flare foundations, and continued in process flare, LNG sump, and miscellaneous foundations. Steel erection continued in the compressor shelter, propane refrigeration area, condensate stabilization, ethylene cold box, with miscellaneous and vendor dress out in ISBL. In OSBL, steel erection continued in flare pipe rack, BOG shelter, and water treatment building. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, hot oil, compressor, propane condenser, amine areas, hot oil, propane refrigeration, H₂S removal, ethylene cold box, methane cold box, and utilities pipe racks. OSBL A/G pipe installation continued in the main north-south pipe rack, utilities pipe rack, main east-west pipe rack, propane refrigerant pipe rack, knock out drums pipe rack, GTG pipe rack, instrument/plant air area, and water treatment building. In ISBL, compressor duct work erection continued.

The Train 5 analyzer buildings and miscellaneous equipment were set. In OSBL, the GTG assembly continued, while water treatment building equipment and miscellaneous equipment were set. Cable tray installation continues in ISBL related to the propane condenser, cryo rack, mercury removal, fuel gas facilities, AGRU pipe rack, thermal oxidizer area, and compressor area. Cable pulls continued in ISBL. Cable tray installation in main north-south, main east-west, and utilities rack continues. OSBL and ISBL sitework continued with roads, trenches and culverts installation and final grading. Sitework related to the additional outfall commenced within site limits. Revamp A/G pipe and high voltage cable pulls continued.

3.0 Environmental, Safety, and Health Progress

During the month of July, the following ES&H related events occurred.

July 2017	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	5	2697	55	3276	2	105	0	14
Subcontractor	0	115	4	220	1	9	0	1
Total	5	2812	59	3496	3	114	0	15

4.0 Schedule

Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in July	Planned Work for August
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Completed installation and testing, air blows, and restoration of AG piping. Completed cable pulls and conduit, instrument and tubing installation. Completed loop checks. 	<ul style="list-style-type: none"> Continue AG pipe insulation. Continue cable pulls and termination for lighting. Prepare for performance test.
OSBL – Stage 2	<ul style="list-style-type: none"> Completed commissioning activities for HPAA flare compressors. Completed A/G pipe testing, air blows and restoration. 	<ul style="list-style-type: none">
Meter Facility / Condensate (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> Continued foundations and paving. Continued steel erection in various areas. Continued A/G pipe installation. Continued cable tray and cable pulls. Equipment setting continued with thermal oxidizer, analyzer buildings, and mercury removal area equipment. Continued underground firewater assembly, testing, and installation. Set water treatment building equipment and GTGs. Continued Revamp A/G pipe and continued high voltage cable pulls. Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. Commenced sitework related to outfall structure. Commenced foundation work related to HPAA flare foundations. 	<ul style="list-style-type: none"> Continue concrete foundations and paving installations. Continue to erect structural steel. Continue installation of A/G pipe. Continue cable tray installation. Continue installation of roads, trenches and culverts. Continue U/G firewater assembly and installation. Continue setting propane condenser and cryo rack fin fans. Continue A/G pipe installation. Continue fabrication of filtered water storage tank, demin water tank and RO water storage tank.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's reports, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.

Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Progress Pictures



Train 5 – Heavies Removal Area



Train 5 – Mercury Removal Beds (1304A-B) in Mercury Removal Area



Train 5 – Waste Heat Recovery Unit (Bottom Part) in Laydown



Train 5 – Cryo Rack - Air Cooled Exchanger Headers Installation



Train 5 – Southwest of ISBL - Condensate Stabilization and Utility Rack Areas



Train 5 – First Large Bore Pipe in South Side of Propane Condenser Rack



Stage 3 OSBL – 13.8 kV High Voltage Cable Pulls



Stage 3 OSBL – Flare Modification Scope - Compressors Foundation



Stage 3 OSBL – LNG Sump



Stage 3 OSBL – Water Treatment Area

SABINE PASS LIQUEFACTION PROJECT

Cameron Parish, Louisiana

Monthly Progress Report

August 2017

1.0 Executive Summary

This report covers activities for the SPL Stage 2 and SPL Stage 3 projects that occurred during the month of August 2017.

Stage 2 Engineering and Procurement are 100% complete. Subcontract and direct hire construction work are 99.5% and 99.8% complete, respectively. Overall project completion for Stage 2 is 99.9% complete against the plan of 100%.

Stage 3 Engineering is now 100% complete. Procurement is now 98.8% complete. Subcontract and direct hire work are 56.5% and 41.2% complete, respectively. Stage 3 overall project completion is 74.5% against the plan of 74.7%. Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

2.0 Project Highlights

Stage 2 engineering and procurement is complete, and now concentrating on punch list close out. Subcontracted activities continue Train 4 achieved RFSU on July 25th and first cargo on August 5th.

Stage 2 flare modification scope is completed and the high pressure air assist (HPAA) compressors have been commissioned and placed in service.

On Stage 3, engineering is complete and is now concentrating efforts on vendor print review and support to construction. Procurement delivered the cold boxes and wet/dry flares. Stage 3 subcontract formation activity continued. For construction, OSBL firewater U/G pipe installation continued. Installation of foundations in the ISBL and OSBL areas continued with ISBL primary focus on the crane leave-outs, while OSBL commenced foundation work related to HPAA flare foundations, and continued in process flare, LNG sump, and miscellaneous foundations. Steel erection continued in the compressor shelter, propane refrigeration area, condensate stabilization, ethylene cold box, with miscellaneous and vendor dress out in ISBL. In OSBL, steel erection continued in flare pipe rack, BOG shelter, and water treatment building. In ISBL, A/G pipe installation continued in the cryo rack, AGRU pipe rack, mercury removal area, fuel gas facilities, hot oil, compressor, propane condenser, amine areas, hot oil, propane refrigeration, H₂S removal, ethylene cold box, methane cold box, and utilities pipe racks. OSBL A/G pipe installation continued in the main north-south pipe rack, utilities pipe rack, main east-west pipe rack, propane refrigerant pipe rack, knock out drums pipe rack, GTG pipe rack, instrument/plant air area, and water treatment building. In ISBL, compressor duct work erection continued.

The Train 5 Ethylene and Methane Cold Boxes and other miscellaneous equipment were set. In OSBL, the GTG assembly continued, while water treatment building equipment and other miscellaneous equipment were set. Cable tray installation continues in ISBL related to the propane condenser, cryo rack, mercury removal, fuel gas facilities, AGRU pipe rack, thermal oxidizer area, and compressor area. Cable pulls continued in ISBL and high voltage cable pulls commenced from from utility substation to compressor substation. Cable tray installation in main north-south, main east-west, and utilities racks continues. OSBL and ISBL sitework continued with installation of roads, trenches and culverts, and final grading. Sitework related to the additional outfall commenced within site limits. Revamp A/G pipe and high voltage cable pulls continued.

The Cheniere and Bechtel project teams planned and completed all necessary preparations ahead of Hurricane Harvey. This was done to ensure the safety of everyone and to protect assets at site.

3.0 Environmental, Safety, and Health Progress

During the month of August, the following ES&H related events occurred.

August 2017	Near Miss		First Aid		Recordable		Lost Time	
	Month	ITD	Month	ITD	Month	ITD	Month	ITD
Bechtel	2	2704	46	3334	1	105	0	14
Subcontractor	1	116	1	221	0	9	0	1
Total	3	2820	47	3555	1	114	0	15

4.0 Schedule

Train 4 is projecting October 2017 for substantial completion. Train 5 is projecting August 2019 for substantial completion.

5.0 Construction and Start up

Construction Activities by Area		
Area	Construction Activities in August	Planned Work for September
Liquefaction Stage 2 Area – Train 4	<ul style="list-style-type: none"> Continue AG pipe insulation. Continue cable pulls and termination for lighting. Prepare for performance test. 	<ul style="list-style-type: none"> Conduct performance test. Prepare and conduct Strainer shutdown
OSBL – Stage 2	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.
Meter Facility / Condensate (CP13-2-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.
East Meter Pipe (CP15-482-000)	<ul style="list-style-type: none"> No activities. 	<ul style="list-style-type: none"> No activities.

Construction Activities by Area		
Area	Construction Activities in August	Planned Work for September
Stage 3 – Train 5 & Stage 3 ISBL and OSBL (CP13-552-000)	<ul style="list-style-type: none"> • Continue concrete foundations and paving installations. • Continue to erect structural steel. • Continue installation of A/G pipe. • Continue cable tray installation and cable pulls. • Continue installation of roads, trenches and culverts. • Continue U/G firewater assembly and installation. • Set water treatment building equipment and continued GTG assembly. • Continued field erected tank fabrication for filtered water storage tank, demin water tank and RO water storage tank. Set amine surge tank. • Commenced sitework related to added outfall structure, within site limits. 	<ul style="list-style-type: none"> • Continue concrete foundations and paving installations. • Continue to erect structural steel. • Continue installation of A/G pipe. • Continue cable tray installation and cable pulls. • Commence ISBL pipe installation in condensate stabilization area • Continue installation roads, trenches and culverts. • Continue onsite permanent draining installation activities related to outfall. • Continue UG firewater assembly, testing, and installation. • Continue to assemble GTGs and BOG compressor work. • Start fabrication of OSBL Wet and Dry Flare assemblies. • Continue fabrication of filtered water storage tank, demin water tank and RO water storage tank. • Continue sitework related to added outfall structure, within site limits.

6.0 Permitting and Environmental

Summary of Problems, Non-Compliances, and Corrective Actions

Date	Description
Intermittent	As per previous month's reports, SPL continues to coordinate with LDEQ to ensure air permit compliance is demonstrated.

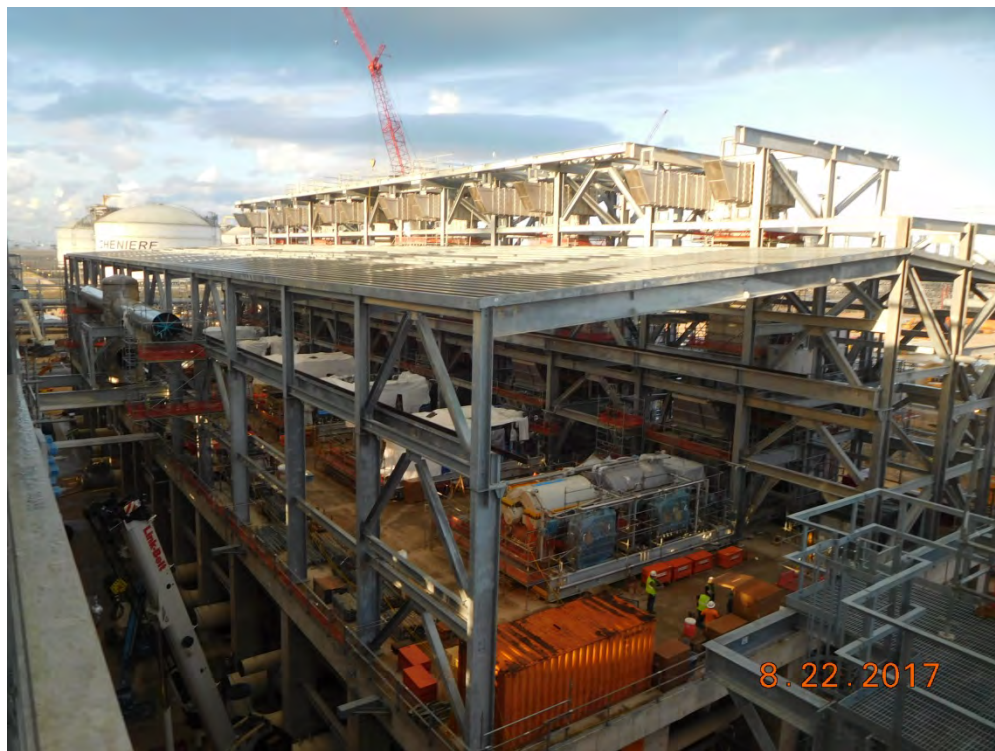
Agency Contacts/Inspections

Agency	Name	Date	Location/Activity
None.			

7.0 Photos



Train 5 – Thermal Oxidizer Area



Train 5 – Compressors Area



Train 5 - South Side of Cryo Rack (Upper Level Steel)



Stage 3 OSBL – Main North-South Pipe Rack



Stage 3 OSBL – Water Storage Field Erected Tanks



Stage 3 OSBL – Flare Modification Scope - Compressors Foundation