



September 3, 2019

The Honorable Kimberly D. Bose
Secretary
Federal Energy Regulatory Commission
888 First St., N.E.
Washington, D.C. 20426

Re: National Grid LNG LLC, Docket No. CP16-121-000
Fields Point Liquefaction Project
Monthly Status Report for August 2019

Dear Secretary Bose:

On October 17, 2018, the Commission issued the Order Issuing Certificate (“Certificate Order”) granting a certificate of public convenience and necessity to National Grid LNG LLC (“National Grid”) in the above captioned docket for the Fields Point Liquefaction Project (the “Project”). *National Grid LNG LLC*, 165 FERC ¶ 61,031 (2018). National Grid filed its acceptance of the certificate of public convenience and necessity on October 29, 2018 and the Implementation Plan was filed on November 1, 2018.

As required by Environmental Condition 8 of the Certificate Order, National Grid is submitting the Monthly Status Report for the August 2019 reporting period. If you have any questions about this submission, please contact me at 781-392-6640.

Respectfully submitted,

/s/ Patrick A. Chaney

Patrick A. Chaney
Lead Project Manager – New England LNG
Capital Delivery, Gas – Complex Project
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cc: Service List

MONTHLY STATUS REPORT FOR AUGUST 2019

On October 17, 2018, the Commission issued the Order Issuing Certificate (“Certificate Order”) issuing a certificate of public convenience and necessity to National Grid LNG LLC (“NGLNG”) in Docket No. CP16-121-000 for the Fields Point Liquefaction Project (the “Project”). *National Grid LNG LLC*, 165 FERC ¶ 61,031 (2018). Pursuant to Environmental Condition No. 8 of the Certificate Order, NGLNG provides its monthly status report for the month of August 2019.

Update on Federal Authorizations

As previously reported in the report for December 2018, all required Federal authorizations have been received.

Project Schedule – Construction Status and Work Planned

Work Accomplished in August:

1. Air monitoring in accordance with the approved Rhode Island Department of Environmental Management Short Term Response Action Plan is ongoing and continued throughout the month of August 2019.
2. Training in the Environmental Inspector’s (“EI”) duties continues and will be ongoing for all new personnel for the full duration of the Project on a weekly basis and/or as needed. Four trainings were provided during the month. Attendees included National Grid employees, Kiewit employees, and site workers and supervisory personnel.
3. Cut all 14” precast piles to final elevation
4. Installed gabion baskets and filled with rip rap along the northern edge of site
5. Completed installation of conduit in the existing plant pipe rack
6. Leveled the stability wall area to elevation +10
7. Completed two production micropiles within proposed duct bank area #4.

Work Planned for September:

1. Drive and cutoff 16” precast piles
2. Begin installation of the concrete grade beams for firewater and duct banks
3. Excavate and locate existing firewater tie in and bring to existing grade
4. Drill micropiles inside of the berm
5. Install load relieving platform underneath the Tensar wall area
6. Trench and install conduit from Area I to existing pipe rack

Problems Encountered and/or Instances of Non-Compliance and Corrective Actions

The problems encountered, contractor nonconformance/ deficiency logs, and each instance of noncompliance observed by the EI during this reporting period are shown below along with the corrective and remedial actions taken and the effectiveness of the implemented actions.

Problems and Noncompliance				
Date	Problem/Noncompliance	Remedial Action Taken	Date of Corrective Action	Effectiveness of Corrective Action
08/07/2019	Clean silt sack in catch basin 15.	Silt sack cleaned.	08/07/2019	Effective, restored effectiveness of erosion control.
08/22/2019	Crushed stone tracking pad at exit of work zone required maintenance.	Pad roughened.	08/23/2019	Effective, restored tracking pad.
08/22/2019	Address oily water/sheen in two secondary containments.	Oily water/sheen removed.	08/23/2019	Effective, secondary containment restored.
08/28/2019	Address oily water/sheen in two secondary containments.	Oily water/sheen removed.	08/29/2019	Effective, secondary containment restored.
08/28/2019	Crushed stone tracking pad at exit of work zone required maintenance.	Pad roughened.	08/29/2019	Effective, restored tracking pad.
08/28/2019	Adjust Filtrexx soxx along cove road.	Adjustments made.	08/29/2019	Effective, restored effectiveness of erosion control.
08/28/2019	Add gabion basket and riprap to support the slope of the dike.	Materials installed to support dike.	08/29/2019	Effective, eliminated erosion potential of dike.

Releases				
Date	Material and Quantity Released	Cause	Description	Corrective Action Taken
None for this period				

Landowner/Resident Complaints

None during this period.

Correspondence Received From Other Agencies Concerning Noncompliance

No correspondence was received concerning instances of noncompliance from other federal, state, or local permitting agencies.

Special Inspector's Report

Construction Activities Observed during the reporting period:

- Completion of pile cut offs for 14-inch precast concrete piles used for slope stability
- Excavation around 14-inch precast concrete piles for clearance for pile cut off.
- Construction of two production micropiles in proposed duct bank area #4.
- Construction of the gabion basket wall.
- Excavation for bottom of transfer pad for Tensar wall.

Discrepancies reported to Contractors:

- Two 14-inch precast concrete piles located in slope stability area was observed to have voids around spiral reinforcement after cutting the piles. NCR #0014 was submitted by Contractor.

Uncorrected discrepancies reported to Engineer of Record:

- None

Outstanding NCRs:

See Attached Register

All work requiring special inspection was, to the best of my knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions.

Yes

No

See discrepancies list above

Kristian Theriault
Special Inspector

September 3, 2019
Date

ATTACHMENT

NON-CONFORMANCE REGISTER



NON-CONFORMANCE REGISTER - For the registration of issued product NCR Reports

NCR Ref:	Issue Date	NCR Description	Probable Cause 1	Probable Cause 2	NCR Issued To (Name)	Discipline
SR010-RPT-001	6/11/2019	Contract section 3.20.6 states the Contractor shall be responsible to store, protect and maintain all equipment.	Vendor	Procurement	Delbert Evans PQM	Procurement
SR010-RPT-001A r1	6/11/2019	Incorrect paint applied on vessels at GCAW was not properly addressed by Kiewit with an NCR per Section 18 of the QMS r3	Vendor	Engineer	Delbert Evans PQM	Vendor
SR010-RPT-002	6/23/2019	Section 12.0 of the Kiewit QMS requires all documents that are replaced to be stamped as voided or superseded	Engineering	Engineering	Delbert Evans PQM	Engineering
SR010-RPT-003	6/23/2019	National Grid requested Kiewit to provide (2) RT film packages for audit purposes related to the GCAW Adsorber PO. These documents were not provided after several requests spanning a (6) week period	Procurement	Vendor	Delbert Evans PQM	Vendor
SR010-RPT-004	7/1/209	Kiewit did not follow their QMS r3 or contract requirements when changing the location of the load cells for the MircoPile testing	Contractor	Engineering	Delbert Evans PQM	Construction

NCR Ref:	Issue Date	NCR Description	Probable Cause 1	Probable Cause 2	NCR Issued To (Name)	Discipline
SR010-RPT-005	7/3/2019	Piping specifications showed the incorrect NFPA-59A specification. The piping specification showed the 2019 version versus the 2001 version.	Engineering	Vendor	Delbert Evans PQM	Engineering
SR010-RPT-006	7/30/2019	Kiewit's Procurement Plan requires non-conforming materials received to be placed in a Quarantine area and/or marked as do not use.	Contractor	Training	Delbert Evans PQM	Material Management
SR010-RPT-007	8/2/2019	Kiewit did not notify National Grid for the off-site testing of the Feed Gas Booster Compressor	Procurement	OSSQ	Delbert Evans PQM	Quality
SR010-RPT-008	8/2/2019	Incorrect hydro test pressure and hold time for firewater line. Test was not conducted in accordance with NFPA 24.	Engineering	Vendor	Delbert Evans PQM	Engineering
SR010-RPT-009	8/5/2019	Kiewit is required to notify National Grid per the Master ITP on Hold and Witness points. NG was not notified for the First Shipment of Piping Fabrication	OSSQ	Procurement	Delbert Evans PQM	Procurement

NCR Ref:	Issue Date	NCR Description	Probable Cause 1	Probable Cause 2	NCR Issued To (Name)	Discipline
SR010-RPT-010	8/8/2019	Kiewit is required to provide the off-site vendors with the requirements of the contract between National Grid LNG LLC and Kiewit Power Constructors Co. Section 3.10 Welding Requirements was not conveyed to ABB for off-site construction.	Procurement	Vendor	Delbert Evans PQM	Procurement
SR010-RPT-011	8/8/2019	Section 3.21.23 Document Management and Control states the Contractor shall provide a fully functional, integrated, electronic data and document management system.	Contractor	Engineering	Delbert Evans PQM	Engineering
SR010-RPT-012	8/14/2019	Section 7.2 Procurement Strategy of the prime Contract requires a Supplier shipment to be inspected by the Contractor to ensure compliance with Project Specifications. The first shipment for the UG piping did not receive a final release shipment	OSSQ	Procurement	Delbert Evans PQM	Procurement
SR010-RPT-013	8/20/2019	Prime Contract Attachment 7 requires APCI to comply with NFPA 59A. A data review of the quality documents noted the actual NDE performed was not in compliance with the NFPA 59A requirements. A review of documentation for the Cross over Bridge piping did not reflect this requirement	Vendor	Procurement	Delbert Evans PQM	Vendor
SR010-RPT-014	8/20/2019	Prime Contract Section 3.10 Scope of Work requires all procedures for welding of piping, vessels and equipment performed off-site shall be submitted to the Owner for review and approval prior to construction.	Vendor	Procurement	Delbert Evans PQM	Vendor

NCR Ref:	Issue Date	NCR Description	Probable Cause 1	Probable Cause 2	NCR Issued To (Name)	Discipline
SR010-RPT-015	8/20/2019	Prime Contract Attachment 7 requires APCI to comply with NFPA 59A. A data review of the quality documents noted the actual NDE performed was not in compliance with the NFPA 59A requirements. A review of documentation for the Cold Box piping did not reflect this requirement	Vendor	Procurement	Delbert Evans PQM	Vendor

Non-Conformance Log



NCR No.	Description	Reason	Disposition	Issued By	Issued To	Date Issued	Date Closed
0001	Concrete Driven Pile DP-13	Pile out of tolerance	Use-As-Is	Delbert Evans	Kiewit/Construction	5/28/2019	6/26/2019
0002	Concrete Driven Pile DP-70	Damaged Concrete Driven Pile	Scrap	Delbert Evans	Kiewit/Construction	6/6/2019	8/13/2019
0003	Concrete Driven Pile DP-113	Pile of 2% plumb tolerance	Use-As-Is	Delbert Evans	Kiewit/Construction	6/11/2019	6/26/2019
0004	GCAW Regeneration Gas Separator LDD-1011	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	6/14/2019	
0005	GCAW Absorber LD-1000A	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	6/14/2019	
0006	GCAW Absorber LD-1000B	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	6/14/2019	
0007	GCAW Adsorber LD-1000C	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	6/14/2019	
0008	Particle Filter LDS-1010 A	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	5/22/2019	
0009	Particle Filter LDS-1010 B	Incorrect Coating	Rework	Delbert Evans	UOP/Vendor	5/22/2019	
0010	Underground Piping Pressure Test	Failure to confirm proper test pressures	Rework	Delbert Evans	APCI/Vendor	6/18/2019	
0011	Componders K-210 & K-220	Failure to provide Care & Preservation	Rework	Delbert Evans	APCI/Vendor	6/19/2019	
0012	Nitrogen Recycle Compressor K-131	Failure to provide Care & Preservation	Rework	Delbert Evans	APCI/Vendor	6/19/2019	
0013	Air Cooled Heat Exchangers E-2131, E2141, E-2151 & E-2135	Failure to provide Care & Preservation	Rework	Delbert Evans	APCI/Vendor	6/19/2019	
0014							
0015	Concrete Driven Pile DP-179	Cracked Concrete Driven Pile	Scrap	Delbert Evans	Kiewit/Construction	6/27/2019	7/8/2019

0016	Concrete Pile Cut-off	Group 1 Piles cut-off to short, 2"-3" out of tolerance	Use-As-Is	Vincent Storms	Kiewit/Construction	7/10/2019	
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