



November 1, 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 October 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 October 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
Management
Patrick.Chaney@nationalgrid.com

cc: Service List

MONTHLY STATUS REPORT FOR OCTOBER 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 October 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 October:

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 October 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. Ten trainings were provided during the month. Attendees included National Grid employees, Kiewit employees, and site workers and supervisory personnel.
3. Completed Micropile installation inside the LNG tank berm (21ea).
4. Completed 16” driven pile installation for foundations.
5. Commenced Micropile installation outside the berm.
6. Continued bringing grade across site to elevation 15ft.
7. Continued installation of Ductbank 5 to existing facilities.

Work Planned for November:

1. Continue Micropile installation for construction areas C, L, and D.
2. Complete 16” pile cut-offs.
3. Commence grade beam installation for underground utility supports.
4. Commence pipe rack footing construction.

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
10/02/2019	Slopes along backfilled area in truck loop need to be stabilized.	Stone added to slope to stabilize.	10/17/2019	Effective, slope stabilized.
10/02/2019	Duct back trench needs to be stabilized	Stone added to trench.	10/11/2017	Effective trench stabilized.
10/09/2019	Skid boxes with soil and concrete need to be covered	Skid boxes covered.	10/15/2019	Effective, rain kept out of skid boxes.
10/09/2019	Both tracking pads need to be roughened.	Pads roughened.	10/10/2019	Effective, restored tracking pads.
10/10/2019	Section of Filtrexx soxx needs to be repaired or replaced.	Replaced section of Filtrexx soxx.	10/17/2019	Effective, restored effectiveness of erosion controls.
10/10/2019	Secondary containment for air compressors needs to be pumped out.	Absorbents used to remove sheen.	10/15/2015	Effective, sheen removed.
10/23/2019	Sediment accumulation near catch basins.	Sediment removed.	10/23/2019	Effective, sediments removed.
10/28/2019	Tracking pad needs maintenance.	Stone added to tracking pad.	10/30/2019	Effective, restored tracking pad.
10/28/2019	Skid boxes with soil and concrete need to be covered.	Skid boxes covered.	10/28/2019	Effective, rain kept out of skid boxes.

Releases				
Date	Material and Quantity Released	Cause	Description	Corrective Action Taken
10/03/2019	0.25 gallons of hydraulic oil.	Hose failure.	Hydraulic oil impacted soil under unit.	Impacted soil excavated.

10/07/2019	0.25 gallons of diesel.	Fuel expanded from hot weather.	Diesel impacted soil under tank.	Impacted soil excavated.
10/15/2019	0.25 gallons of hydraulic oil	Hydraulic oil leak	Hydraulic oil impacted soil under unit.	Impacted soil excavated.
10/17/2019	Water from portable toilet	High winds.	Water with deodorant and dye released to soil.	Area surveyed for impacts, no fluid entered waterways or drains.

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:

- Complete the installation of 16-inch precast concrete piles.
- Completed construction of micropiles within the LNG storage tank containment dike.
- Began installation of Compressor Building micropiles.
- Completed placement of rip-rap along the north wall.
- Began placement of mass fill in the area of proposed micropiles and previously installed concrete piles.
- Began cutting 16-inch precast concrete piles at the southeast portion of the site.
- Excavated a trench in the southwest portion of the site for proposed Duct Bank 05.

Discrepancies reported to Contractors:

- A number of the 16-inch precast concrete piles were either abandoned or were removed due to the presence of obstructions. The Contractor addressed the issues through either the use of supplemental concrete piles, submitting a change of driven precast piles to micropiles, or through the RFI process.

Uncorrected discrepancies reported to Engineer of Record:

- One 16-inch precast concrete pile was driven with a greater deviation from vertical than specified in the project documents. The Contractor will submit an NCR.
- A number of 16-inch precast concrete piles driven during the month had average blow counts that did not meet the project’s required driving criteria. The Contractor will submit an NCR.

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

Special Inspector:

Charles Boisvert

Date:

October 31, 2019

ATTACHMENTS

Non-Conformance Registers

NON-CONFORMANCE REGISTER - For the registration of NCR Reports



Project #: 90000130901

Project Name: Field Point Liquefaction Project Providence, RI

NCR Ref:	Audit Ref:	Issue Date	NCR Description	Agreed NCR Corrective Action	Date of Agreed Disposition	Date of Closure	Probable Cause 1	Discipline
SR010-RPT-001	N/A	6/11/2019	Contract section 3.20.6 states the Contractor shall be responsible to store, protect and maintain all equipment.				Vendor	Procurement
SR010-RPT-001A r1	N/A	6/11/2019	Incorrect paint applied on vessels at GCAW was not properly addressed by Kiewit with a NCR per Section 18 of the QMS r3	UOP has agreed to blast the non-compliant vessels to achieve a SSPC-SP10 surface profile and repaint following the manufacturer's recommended procedure to apply a #14 system IZ/HS/HS paint system	7/31/2019		Vendor	Vendor
SR010-RPT-002	N/A	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
SR010-RPT-003	N/A	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	National Grid to perform an audit on all RT film at the Vendor's facility	7/31/2019	9/22/19	Procurement	Vendor
SR010-RPT-004	N/A	7/1/2019	Kiewit did not follow their QMS r3 or contract requirements when changing the location of the load cells for the Micro Pile testing		9/9/2019	43717	Contractor	Construction
SR010-RPT-005	N/A	7/3/2019	Piping specifications showed the incorrect NFPA-59A specification. The piping specification showed the 2019 version versus the 2001 version.	Kiewit issued a code revision RFI to NG referencing all piping specifications were revised to remove the NFPA 59A 2019 reference	8/27/2019	9/27/2019	Engineering	Engineering
SR010-RPT-006	N/A	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.	Place the referenced piping into the specified quarantine area and properly mark as do-not-use	10/21/2019	10/21/2019	Contractor	Material Management
SR010-RPT-007	N/A	8/2/2019	Kiewit did not notify National Grid for the off-site testing of the Feed Gas Booster Compressor				Procurement	Quality
SR010-RPT-008	N/A	8/2/2019	Incorrect hydro test pressure and hold time for firewater line. Test was not conducted in accordance with NFPA 24.	The firewater spools in question will be retested in the overall firewater system test to be performed on site at a later date. No further action required	9/27/2019	9/27/2019	Engineering	Engineering

NCR Ref:	Audit Ref:	Issue Date	NCR Description	Agreed NCR Corrective Action	Date of Agreed Disposition	Date of Closure	Probable Cause 1	Discipline
SR010-RPT-009	N/A	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
SR010-RPT-010	N/A	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.	Vendor ABB submitted weld procedures as required	8/8/2019	9/26/2019	Procurement	Procurement
SR010-RPT-011	N/A	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
SR010-RPT-012	N/A	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
SR010-RPT-013 R1	N/A	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. Revision 1 added teh contract requirements noted in Section 3.10 - SOW				Vendor	Vendor
SR010-RPT-014	N/A	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.	Kiewit will comply with the requirements of the Prime Contract	9/27/2019		Vendor	Vendor
SR010-RPT-015 R1	N/A	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.Revision 1 added teh contract requirements noted in Section 3.10 - SOW				Vendor	Vendor
SR010-RPT-016	N/A	8/27/2019	UOP/GCAW equipment data books were reviewed by National Grid and found to be non-compliant with contract requirements				Vendor	Procurement
SR010-RPT-017	N/A	8/28/2019	UOP/Fabsco equipment data books were reviewed by National Grid and found to be non-compliant with contract requirements				Vendor	Procurement

NCR Ref:	Audit Ref:	Issue Date	NCR Description	Agreed NCR Corrective Action	Date of Agreed Disposition	Date of Closure	Probable Cause 1	Discipline
SR010-RPT-018	N/A	8/29/2019	Kiewit Site Specific Procurement Plan requires all contracts with risk level of 4 or 5 to conduct kick-off meetings upon execution of the contact.	Kickoff meetings with all suppliers signed up pre-suspension rated as 4 or 5 on the Master ITP have had kickoff meetings pre-suspension and during project re-initiation. An additional Prefab Quality meeting will be held as indicated in MITP	9/27/2019		Procurement	Procurement
SR010-RPT-019	N/A	9/23/2019	Kiewit Site Specific Procurement Plan requires development of a Master ITP Plan including Witness and Hold Points, FAT Test, quality audits and any additional recommended in-process shop inspection. These activities shall include dates.				Procurement	OSSQ
SR010-RPT-020	N/A	10/3/2019	A ground Water monitoring well (mw) was identified in Kiewit's work area for Field Point Liquefaction Project in an area that required placement of several feet of fill. National Grid SIR provided guidance to Kiewit on closure of the mw in accordance with RI DEM requirements, prior to placement of the fill material. Kiewit did not follow proper closure procedures and did not notify On-site environmental for required oversight of mw closure procedure.				Contractor	Construction



Client Non-Conformance Log



Fields Point Liquefaction
National Grid
104012

NCR No.	Description	Type (Internal / Supplier / Client)	Kiewit Disposition & Required Actions	Recommended Preventative Actions	Date Issued	Date Disposition Approved	Date Closed
0001	Concrete Driven Pile DP-13 hit an obstruction and shifted during operation and causing pile to be approximately 2.4744" out of tolerance per specification at 6"	Kiewit	Use-As-Is EOR approval for out of tolerance per specification	No action to be taken	5/28/2019	6/26/2019	6/26/2019
0002	Damage to upper concrete driven pile DP-70 during pile driving activities, damage is just above the Emeca splice plate, resulting in exposed rebar and a 2' crack protruding up the south east side of the column, extending from the break.	Kiewit	Rework or Scrap EOR to determine action to be taken per specification 102761-B-STR-SPC-0006 section 4.5.4.1.12	EOR to notify Quality of resolution	6/6/2019	8/13/2019	8/13/2019
0003	During installation of DP 113 the toe of the pile started to walk to the west. Crew attempted to correct the out of plumbness during driving but could not correct enough to get back in tolerance. As the pile sits now it is 1 3/8" in 4' equating to 2.86% or .86% out of tolerance.	Kiewit	Rework Rejected piles shall be corrected as directed by the engineer of record.		6/11/2019	6/26/2019	6/26/2019
0004	Regeneration Gas Separator LDD-1011 was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1200 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/16/2019	6/14/2019	
0005	Adsober L-1000A was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1200 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/16/2019	6/14/2019	
0006	Adsober L-1000B was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1200 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/16/2019	6/14/2019	
0007	Adsober L-1000C was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1200 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/16/2019	6/14/2019	
0008	Particle Filter LDS - 1010 A, was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1000 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/22/2019	Rejected	
0009	Particle Filter LDS - 1010 B, was found to have an incorrect coating applied in accordance w/ 102761-B-STR-SPC-0003. The original coating was specified as Sherwin-Williams Heat-Flex, Hi-Temp 1000 degree Fahrenheit system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interm.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system.	Kiewit	Rework Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070	Being knowledgeable of specification and verify current drawings before proceeding with any installation and applications of materials.	5/22/2019	Rejected	
0010	Failure to meet pressure testing requirements as outlined in specification NFPA 59A 2001 Edition	Kiewit	Rework Testing plan shall be developed to provide re-testing at Barnhart Hake facility including pressure testing procedure to require 1.25 X MAWP, equipment mobilization manpower and safety plan and PPE to be used. See attached letter and instructions.	To be provided by APCI	6/18/2019	6/18/2019	
0011	Companders K-The equipment maintenance and preservation for the Companders 1CS-V200 as required by Air Products and Chemicals, INC. was not followed and properly documented. Request have been previously made to produce verifiable documentation that would support proper maintenance and preservation activities during the period of January of 2018 through the date of this NCR. Specific requirements in accordance with FPLP-APCI Compander Storage Procedure and CryoMachinery Preservation Checklist Installation through start-up CMD-0177d Ref. CMD-0177a & CMD-0177b have not been followed and subsequently documented.210 & K-220	Kiewit	Rework Consultation with equipment manufacturer and owner to determine inspection steps that would identify any potential equipment damage.	Follow Written procedures	6/19/2019		

NCR No.	Description	Type (Internal / Supplier / Client)	Kiewit Disposition & Required Actions	Recommended Preventative Actions	Date Issued	Date Disposition Approved	Date Closed
0012	The equipment maintenance and preservation for the K-131 Nitrogen Recycle Compressors as required by Air Products and Chemicals INC. was not followed and properly documented. Request have been previously made to produce verifiable documentation that would support proper maintenance and preservation activities during the period of January of 2018 through the date of this NCR.	Kiewit	Rework Consultation with equipment manufacturer and owner to determine inspection steps that would identify any potential equipment damage.	Follow Written procedures	6/19/2019		
0013	The equipment maintenance and preservation for Air Cooled Heat Exchangers E-2131, E-2141, E-2151, & E-2135 required by Air Products and Chemicals INC. was not followed and properly documented. Request have been previously made to produce verifiable documentation that would support proper maintenance and preservation activities during the period of January of 2018 through the date of this NCR	Kiewit	Rework Consultation with equipment manufacturer and owner to determine inspection steps that would identify any potential equipment damage.	Follow Written procedures	6/19/2019		
0014	As Kiewit was cutting off piles to elevation the first, two or three feet, voids in top of concrete piles were discovered on two separate piles with numbers mentioned in the Reference Documentation above.	Kiewit	Repair Repair to Standard - Recommend using Sikadur 42, Grout-pak Pt, per manufactures recommendations to fill voids.	Kiewit's Concrete Engineer is communicating to Oldcastle (Supplier) to remedy the cause and ensure voids don't occur again. Oldcastle will be doing a training with their staff.	8/27/2019	9/10/2019	9/11/2019
0015	Pile iniatally inspected and there were no cracks. We started driving the top piece and noticed the crack. The crack went down about 20' and the corner of the pile chipped off 20' down. Once pile chipped we continued driving to grade.	Kiewit	Scrap Drive another pile within 28" (center to center) in any dircetion of the pile that cracked.	Unknown. We believe it was a flaw with the concrete that was not visible to the naked eye.	6/27/2019	7/8/2019	7/8/2019
0016	14" Pre-Cast Pile were cut off short by 2 inches to 3 inches out of Tolerance. Specification Cut-off tolerance shall be within 1 inch of the required elevation shown in the contract documents.	Kiewit	Use-As-Is Propose when performing the back filling and installing the Tensar wall that we do one 12 inch lift, one 9 inch lift and one 6 inch lift this would bring us back to design elevation.	To prevent from recurrence Control Point (3rd party surveyor) are shooting in bench marks then by using a laser level laying out the cut lines.	7/10/2019	7/15/2019	9/11/2019
0017	Air Content was observed as being 3.3% per the required 4.5%-7.5%. Resulting in failure per the mix design.	Kiewit	Use-As-Is Request EOR evaluation and / or approval. Speak with concrete supplier about air content concerns.	If air test fails initially, take new sample and re-perform air content test. If test fails for second time, truck will be rejected.	9/30/2019		
0018	Air Content was observed as being 4.0% per the required 4.5%-7.5%. Resulting in failure per the mix design.	Kiewit	Use-As-Is Request EOR evaluation and / or approval. Speak with concrete supplier about air content concerns.	If air test fails initially, take new sample and re-perform air content test. If test fails for second time, truck will be rejected.	9/30/2019		
0019	On September 17th 2019 a quality document and NDE review was performed at GCAW shop in Humble, TX. Attendees included, Robert Poche, Alex Devine, Robert Johnson, Gene Johnson, and Al Noriega. It was discovered during this review that the volumetric examination records and radiographic film were found to be non-compliant to the mandatory essential variables as per ASME Sec. VIII and ASME Sec. V requirements including but not limited to, film quality, film denisty, IQI placement and identification, etc. Reader sheets / Reports were found to not meet minimum requirements as per ASME Sec. V	Kiewit	Rework to Acceptable Standard Volumetric examination to be performed in conformance with code and contractual requirements	Proper NDE review must be performed by supplier to assure conformance of sub-vendor to code and contractual requirements. OSSQ oversight of proper film and documentation reviews performed during in-process inspections.	9/30/2019		
0020	Fill materials were brought on-site from the PJ Keating quarry, it was discovered after dumping the load the 1 1/2" dense grade material was unapproved and would not meet the standards for FPLP.	Kiewit	Scrap Kiewit to take another test sample from the stock pile at PJ Keating as well as witness an in-process sieve analysis in conjunction with National Grid's Special Inspector. If material is deemed unsuitable for use the stock piles shall be seperated to prevent another delivery of unsuitable fill.	Action to prevent recurrence: Kiewit has communicated to the vendor that any new materials not previously tested and approved from PJ Keating's stock pile to the project, shall be tested and approved before use. Kiewit will be conducting random visits at PJ Keating's Quarry.	10/9/2019		
0021	Craft proceeded cutting 16" concrete driven piles 5871-D-DP-25 & 5871-D-DP-26 without confirming pile cutoff elevations accordingly, resulting in two piles approximately 18" below actual elevation.	Kiewit	Use-As-Is All pile cutoffs halted until survey marks pile cutoff elevations in front of pile cutting crew and per RFI-000075, attached.	Action to prevent recurrence: Have survey crew mark each individual pile then tie with green flagging around piling signifying pile cutoff elevations were marked before commencing cutting of pile.	10/15/2019		
0022	Upon cutting off of the 16" driven concrete piles it was found that the tension connector tubes were not in the correct location within the pile per Dwg. 102761-B-00-0000-STR-SF-6021 Rev.3 Gen. Notes 8. has a tolerance of +1/8"	Kiewit	Use-As-Is Kiewit will have survey preform as-builts of the sleeves. Provide engineering with the information for their recommendation.	The lack of support templates being used during fabrication. Kiewit has advised the fabricator of the findings and advised them of the need for additonal support. Kiewit will also be preforming a shop visit to ensure the fabricator has addressed the issue.	10/16/2019		

NCR No.	Description	Type (Internal / Supplier / Client)	Kiewit Disposition & Required Actions	Recommended Preventative Actions	Date Issued	Date Disposition Approved	Date Closed
0023	During review of Duct Bank 5, Sections 1, 2, & 3 - the underground utility warning tape installed is, 3" wide and approximately 100' total placed. Per specification 102761-B-CIV-SPC-0001; states in section 3.10, "Tape shall be six (6) inches wide."	Kiewit	<p style="text-align: center;">Use-As-Is</p> Discontinue using the currently installed 3" wide utility warning tape and use the required 6" wide tape specified in the 102761-B-CIV-SPC-0001	Ensure all specifications are reviewed and cross referenced as necessary by all involved. Make sure any questions are answered before material is installed.	10/22/2019		
0024	Material delivered on-site from P.J. Keating did not meet the requirements per specification 102761-B-CIV-SPC-0001 section 3.1	Kiewit	<p style="text-align: center;">Reject/Scrap</p> Non-conforming material was rejected and returned, Kiewit and National Grids Quality Manager conducted an off-site visit at P.J. Keating to further assess the stockpile of the material.	Deliveries will continue to be monitored and P.J. Keating is to clearly segregate Kiewit's approved stockpile from any other new materials.	10/24/2019		