August 3, 2020

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 July 2020

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 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 July 2020 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 JULY 2020


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 July 2020:
- Training in the Environmental Inspector (“EI”) duties occurred six times this month
- Air monitoring in accordance with the Rhode Island Department of Environmental Management Short-Term Response Action Plan is ongoing and continued during this month.
- Completed pours on the following foundation mats:
  - Compressor Building
  - Cold Box
  - Compander ACHE
  - Transformers
- Care and Maintenance on PDC with temporary power energized
- Continued grounding grid installation
- Wet side of firewater system ring main completed
- Structural steel delivery for Piperack and access platforms
- Setting of Emergency Generator and Transformers
- Continued catch basin and drainage installation

Work Planned for August 2020:
- Complete pours on following foundation mats:
  - N/S Piperack
  - Pre-treatment
  - 2/3 Stage ACHE
  - Metering Skid
  - N2 Storage
- Continue Grounding Grid installation
- Erect structural steel on E/W Piperack and Access platforms
- Delivery and placement of piping in E/W Piperack
- Placement of following equipment:
  - N2 recycle compressor
  - Feed Gas Booster Compressor
  - Compander skid
- Continue catch basin and drainage installation
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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Problem/Noncompliance</th>
<th>Remedial Action Taken</th>
<th>Date of Corrective Action</th>
<th>Effectiveness of Corrective Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/08/2020</td>
<td>Crushed stone tracking pad at exit of work zone requires maintenance.</td>
<td>Pads roughened.</td>
<td>07/10/2020</td>
<td>Effective, restored tracking pad.</td>
</tr>
<tr>
<td>07/10/2020</td>
<td>Readjust filtrexx soxx southwest of site entrance.</td>
<td>Filtrexx soxx readjusted.</td>
<td>07/10/2020</td>
<td>Effective, erosion controls restored.</td>
</tr>
<tr>
<td>07/22/2020</td>
<td>Readjust filtrexx soxx inside of truck loop.</td>
<td>Filtrexx soxx readjusted.</td>
<td>07/29/2020</td>
<td>Effective, erosion controls restored.</td>
</tr>
<tr>
<td>07/22/2020</td>
<td>Install filtrexx soxx at the asphalt road entrance for the existing truck loop.</td>
<td>Filtrexx Soxx installed.</td>
<td>07/29/2020</td>
<td>Effective, erosion controls restored.</td>
</tr>
<tr>
<td>07/22/2020</td>
<td>Crushed stone tracking pad at exit of work zone requires maintenance.</td>
<td>Tracking pad roughened.</td>
<td>07/27/2020</td>
<td>Effective, restored tracking pad.</td>
</tr>
<tr>
<td>07/22/2020</td>
<td>Roughen stone tracking pad at SMA.</td>
<td>Tracking pad roughened.</td>
<td>07/30/2020</td>
<td>Effective, restored tracking pad.</td>
</tr>
</tbody>
</table>

Releases

<table>
<thead>
<tr>
<th>Date</th>
<th>Material and Quantity Released</th>
<th>Cause</th>
<th>Description</th>
<th>Corrective Action Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No Releases for this reporting period</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

- Completed construction of the following main foundations (pedestals yet to be completed):
  - Cold Box Foundation.
  - Compressor Building Foundation.
  - N2 Compandor Aftercooler Foundation.
- Completed construction of the Transformer Foundation.
- Completed construction of grade beam UG FDN #7, only UG FDN #4 remaining to complete underground utility support.
- Completed the firewater spur line branching from the west segment of the firewater line’s main loop.
- Placed fill material in the eastern portion of the site, along with the N2 Service Road area.
- Installed drainage structures CB-107 and 108, along with approximately 80 feet of the easternmost section of stormwater Line 100.
- Placed bedding and backfill material for the eastern section of the firewater line’s main loop.
- Excavated for the installation of the gas supply lines to Feed Gas Metering and Hot Oil Systems.
- Began placing the pre-cast concrete sections for the East-West Pipe Rack’s diversion trench.

Discrepancies reported to Contractors:

- The concrete for some of the East-West Pipe Rack’s diversion trench foundations was apparently placed too thick. At their present elevation, the foundations do not allow space for the minimum 1-inch grout bed for the pre-cast concrete trench sections as specified in project document “PR LNG Diversion Trench Layout & Details.” Kiewit submitted RFI-209, which suggested that the minimum space for grout placement be reduced to the grout manufacturer’s recommended minimum of ½ an inch. Kiewit engineering’s resolution agreed with the recommendation due to the ½-inch minimum being in accordance with concrete elevation tolerances as specified in ACI 117.

Uncorrected discrepancies reported to Engineer of Record:

- There were no uncorrected discrepancies for the month of July.

Follow-Up to June’s “Uncorrected discrepancies reported to Engineer of Record”:

- Kiewit placed onsite silty sand and gravel within a proposed paved area. Item 4.12 of the project’s Earthwork Specifications states that only structural fill shall be placed under paved areas. This issue was brought to the attention of Keiwit’s Quality Manager who agreed that onsite material was not appropriate for use beneath a paved area. Kiewit issued NCR-0050 to address the issue. The contractor completed the rework of the area in accordance with the NCR, which has been closed.
- Kiewit’s thermo-couple log for the N2 Compressor Foundation’s mass concrete placement showed that for about 8 hours, the temperature differential between the core and near surface areas of the concrete exceeded the 35 degree “Maximum Temperature Difference within the Concrete” specified in item F. of Kiewit’s “Thermo Control Plan.” National Grid addressed this issue with NCR-049, which has been closed.
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:  July 31, 2020
ATTACHMENT

NON-CONFORMANCE REGISTERS
### NON-CONFORMANCE REGISTER - For the registration of NCR Reports

**Project #:** 90000130901  
**Project Name:** Field Point Liquefaction Project Providence, RI

<table>
<thead>
<tr>
<th>NCR Ref:</th>
<th>Audit Ref:</th>
<th>Issue Date</th>
<th>Disciplines</th>
<th>Description</th>
<th>Agreed NCR Corrective Action</th>
<th>Date of Agreed Disposition</th>
<th>Date of Closure</th>
<th>Probable Cause</th>
<th>Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR010-RPT-001</td>
<td>N/A</td>
<td>5/1/2019</td>
<td>OSSQ, Engineering</td>
<td>Contract section 3.20.6 states the Contractor shall be responsible to store, protect and maintain all equipment.</td>
<td>The equipment as noted above shall be fully inspected by the original equipment manufacturer to what ever extent necessary and then submit to Owner and recommended pressure testing.</td>
<td>11/15/2019</td>
<td>6/22/2020</td>
<td>Vendor</td>
<td>Procurement</td>
</tr>
<tr>
<td>SR010-RPT-001A</td>
<td>N/A</td>
<td>6/11/2019</td>
<td>OSSQ, Engineering</td>
<td>Incorrect paint applied on vessels at GCAW was not properly addressed by Kiewit with a NCR per Section 18 of the QMS r3</td>
<td>Kiewit 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/HSHS paint system</td>
<td>7/31/2019</td>
<td>Open</td>
<td>Vendor</td>
<td>Procurement</td>
</tr>
<tr>
<td>SR010-RPT-002</td>
<td>N/A</td>
<td>6/23/2019</td>
<td>OSSQ, Engineering</td>
<td>Section 12.9 of the Kiewit QMS requires all documents that are replaced to be stamped as voided or superseded</td>
<td>Kiewit to follow the Documents Control Procedure 102761-B-DMT-PRO-0001 section 6.3.4 Stamping and Document Notations</td>
<td>11/15/2019</td>
<td>6/3/2020</td>
<td>Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>SR010-RPT-003</td>
<td>N/A</td>
<td>6/23/2019</td>
<td>OSSQ, Procurement</td>
<td>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</td>
<td>National Grid to perform an audit on all RT film at the Vendor's facility</td>
<td>7/31/2019</td>
<td>9/27/2019</td>
<td>Procurement</td>
<td>Vendor</td>
</tr>
<tr>
<td>SR010-RPT-004</td>
<td>N/A</td>
<td>7/1/2019</td>
<td>OSSQ, Vendor</td>
<td>Kiewit did not follow their QMS r3 or contract requirements when changing the location of the load cells for the Micro-Pile testing</td>
<td>Kiewit to provide refresher RFI training to field personnel on the RFI process to ensure RFIs are submitted in a timely manner.</td>
<td>9/9/2019</td>
<td>9/9/2019</td>
<td>Contractor</td>
<td>Construction</td>
</tr>
<tr>
<td>SR010-RPT-005</td>
<td>N/A</td>
<td>7/3/2019</td>
<td>OSSQ, Engineering</td>
<td>Piping specifications showed the incorrect NFPA-59A specification. The piping specification showed the 2019 version versus the 2001 version.</td>
<td>Kiewit issued a code revision RFI to NGL referencing all piping specifications were revised to remove the NFPA 59A 2019 reference</td>
<td>8/27/2019</td>
<td>9/27/2019</td>
<td>Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>SR010-RPT-006</td>
<td>N/A</td>
<td>7/30/2019</td>
<td>OSSQ, Vendor</td>
<td>Kiewit Project Specific Procurement Plan 102761-B-QLT-PLN-0002 requires any discrepancies or damaged materials will be tagged or labeled accordingly and isolated in the warehouse, laydown area or receiving QA/QC holding areas pending resolution. Underground piping was received at project site without documentation and the piping was not properly stored or marked as quarantined.</td>
<td>Place the referenced piping material into the specified quarantine area and property mark as do-not-use</td>
<td>10/21/2019</td>
<td>10/21/2019</td>
<td>Quality</td>
<td>Quality</td>
</tr>
<tr>
<td>SR010-RPT-007</td>
<td>N/A</td>
<td>8/1/2019</td>
<td>OSSQ, Vendor</td>
<td>Kiewit did not notify National Grid for the off-site testing of the Feed Gas Booster Compressor in accordance with Section 2.23 of the Contract.</td>
<td>Procurement and OSSQ shall review the requirements for notification of off-site testing to ensure National Grid is properly notified in the required time frame.</td>
<td>11/15/2019</td>
<td>5/28/2020</td>
<td>Procurement</td>
<td>Quality</td>
</tr>
<tr>
<td>SR010-RPT-008</td>
<td>N/A</td>
<td>8/2/2019</td>
<td>OSSQ, Engineering</td>
<td>Incorrect hydro test pressure and hold time for firewater line. Test was not conducted in accordance with NFPA 24.</td>
<td>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</td>
<td>9/27/2019</td>
<td>9/27/2019</td>
<td>Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>SR010-RPT-009</td>
<td>N/A</td>
<td>8/5/2019</td>
<td>OSSQ, Vendor</td>
<td>A Master Inspection Test Plan (MITP) was provided to allow National Grid to determine which vendor inspections/meetings that National Grid wanted written notification to attend. National Grid populated this document with the required Hold/Witness points which included a hold point for &quot;Final Inspection Prior to Shipment (first shipment)&quot; (see attached). This inspection was noted as a hold point by the Client and the Client was not notified of the inspection step.</td>
<td>Revisit the requirements for Client notification of vendor testing with all personnel related to this requirement, document the training and provide National Grid with a responsibility matrix to ensure proper notification is achieved on future inspections.</td>
<td>11/15/2019</td>
<td>5/29/2020</td>
<td>OSSQ</td>
<td>OSSQ</td>
</tr>
<tr>
<td>SR010-RPT-010</td>
<td>N/A</td>
<td>8/8/2019</td>
<td>OSSQ, Vendor</td>
<td>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.</td>
<td>Vendor ABB submitted weld procedures as required</td>
<td>8/8/2019</td>
<td>9/27/2019</td>
<td>Procurement</td>
<td>Procurement</td>
</tr>
<tr>
<td>NCR Ref.</td>
<td>Audit Ref.</td>
<td>Issue Date</td>
<td>NCR Description</td>
<td>Agreed NCR Corrective Action</td>
<td>Date of Agreed Disposition</td>
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<tr>
<td>SR010-RPT-011</td>
<td>N/A</td>
<td>8/6/2019</td>
<td>Section 3.21.23 of the Contract states &quot;the Contractor shall provide a fully functional, integrated, electronic data and document management system&quot;. TeamBinder which is the existing Document Control Management system has not proved to be a functional system. This system has shown to be unable to consistently provide access by the Owner to the technical documents for which are related to this project both for pre-suspension and post suspensions documents. Large data dumps are transmitted without regard to previous review and comments by Owner. Documents have been removed from the obligatory (10) day period prior to period completion. Comments made by the Owner during the document review have not been incorporated into the subsequent document release. The Owner has been subjected to Beta testing of system changes which has proven to be ineffective and confusing to the overall document control procedure.</td>
<td>Provide the Owner wit a functional system that is capable and will permanently correct the discrepancies as noted in section “A” above.</td>
<td>1/15/2020</td>
<td>1/15/2020</td>
<td>Engineering</td>
<td>Engineering</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-012</td>
<td>N/A</td>
<td>8/14/2019</td>
<td>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</td>
<td>See Addendum “A” attached to the NCR report</td>
<td>5/21/2020</td>
<td>5/28/2020</td>
<td>OSSQ</td>
<td>Procurement</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-013 R2</td>
<td>N/A</td>
<td>8/20/2019</td>
<td>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 the contract requirements noted in Section 3.10 - SOW</td>
<td>Kiewit will direct APCI to perform the NDE ion the crossover box as defined by KIEWIT RFI-000119 resolution dated 2-20-20.</td>
<td>4/13/2020</td>
<td>Open</td>
<td>Vendor</td>
<td>Vendor</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-014</td>
<td>N/A</td>
<td>8/20/2019</td>
<td>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.</td>
<td>Kiewit will comply with the requirements of the Prime Contract</td>
<td>9/27/2019</td>
<td>11/15/2019</td>
<td>Vendor</td>
<td>Vendor</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-015 R2</td>
<td>N/A</td>
<td>8/20/2019</td>
<td>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 the contract requirements noted in Section 3.10 - SOW</td>
<td>Evaluate the correct NDE requirements as required by NFPA-59A-2001 and contract. Perform the necessary additional NDE as required to meet compliance for the Cold Box fabrication.</td>
<td>4/13/2020</td>
<td>6/22/2020</td>
<td>Vendor</td>
<td>Vendor</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-016</td>
<td>N/A</td>
<td>8/27/2019</td>
<td>UOP/GCAW equipment data books were reviewed by National Grid and found to be non-compliant with contract requirements.</td>
<td>Kiewit will review the data books for the equipment as mentioned above and perform the necessary tasks so the data books comply with contractual requirements.</td>
<td>5/27/2020</td>
<td>Open</td>
<td>Vendor</td>
<td>Procurement</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-017</td>
<td>N/A</td>
<td>8/27/2019</td>
<td>UOP/GCAW equipment data books were reviewed by National Grid and found to be non-compliant with contract requirements.</td>
<td>Kiewit will review the data books for the equipment as mentioned above and perform the necessary tasks so the data books comply with contractual requirements.</td>
<td>5/28/2020</td>
<td>Open</td>
<td>Vendor</td>
<td>Procurement</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-018</td>
<td>N/A</td>
<td>8/28/2019</td>
<td>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.</td>
<td>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</td>
<td>9/27/2019</td>
<td>11/15/2019</td>
<td>Procurement</td>
<td>Procurement</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-019</td>
<td>N/A</td>
<td>9/23/2019</td>
<td>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.</td>
<td>Kiewit is to provide an updated and completed Master ITP that complies with the requirement as noted in the Project Specific Procurement Plan 102761-B-QLT-PLN-002</td>
<td>11/15/2019</td>
<td>6/4/2020</td>
<td>Procurement</td>
<td>OSSQ</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-020</td>
<td>N/A</td>
<td>10/3/2019</td>
<td>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 RIDEM 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.</td>
<td>Kiewit is to notify National Grid SIR with proposal to locate and properly close the ground water monitoring well in accordance with RIDEM requirements. The mw closure shall be witnessed and approved by the National Grid SIR representatives.</td>
<td>11/15/2019</td>
<td>11/15/2019</td>
<td>Contractor</td>
<td>Construction</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-021</td>
<td>Cdl 102519-002</td>
<td>11/1/2019</td>
<td>During the course of the Civil Audit #102519-002 performed at site; Checklist Item 4.0 (c) has proof rolling been approved by the Geotechnical Engineer in coordination with the Field Representative? The audit team stated that the Geotechnical Engineer was not notified in accordance with Section 4.9 of the Earthwork Specification – 102761-B-CIV-SPC-0001. The audit team was unable to provide documentation supporting the requirement was met.</td>
<td>Proof rolling as described and shown meets the project requirements - M. Oakland Kiewit will b e submits a Corrective Action with Preventive actions for procedural adherence - COB 4-3-2020</td>
<td>4/3/2020</td>
<td>6/23/2020</td>
<td>Contractor</td>
<td>Construction</td>
<td></td>
</tr>
</tbody>
</table>
performed. As of this date, National Grid has not received any audit notifications or audit reports as required by the Geotechnical Engineer on 10/24/2019 which is after the placement of the materials. The audit team was unable to provide documentation supporting approval prior to the start of construction.

Kiewit will provide National Grid proof that a hydro test was conducted as required by ASME VIII Div. 1 or have Chart perform a hydro as required. National Grid will be notified as required to attend the testing of the vessels in question.

On October 11, 2019 Kiewit and National Grid attended a shop inspection to witness hydro testing of the L9020-A/B NZ storage vessels located at Chart Ind. New Prague, MN. Upon arriving, the (2) vessels of interest were set up to conduct a cold-stretch test in accordance with ASME Section VIII Appendix 44. The subsequent Off-Site Vendor Surveillance report 191011 per OSSQ stated that Chart conducted a Cold Stretch Test in Lieu of a hydro and further referenced ASME Section VIII Div. 1 Appendix 44 as reference. A review of the 2017 version of Mandatory Appendix 44 states in 44.6.1 (f) "the pressure test required by UG-99 or UG-100 shall be applied after all welding on the pressure retaining parts... Kiewit has not provided National Grid written proof that a hydro test was performed and documented on the vessels in question.

Section 3.10 of the Prime Contract NUMBER 4400005216 requires Kiewit to submit all welding procedures for piping, vessels and equipment performed off-site to Owner (National Grid) prior to start of construction. Kiewit is required to review the welding procedures for project compliance prior to submittal for National Grid review. The welding procedures for IFS's subcontractor, Transend were not submitted to Owner for approval after review by Kiewit.

The Contract states in Section 2.23 Inspection and Testing, that Kiewit is to provide the owner in writing no less than (10) Business days, written notice of scheduled dates for the conduct of, and opportunity to witness, the off-site testing. Kiewit allowed IFS/Transend to conduct a hydrotest of the Feed Gas Filter without providing National Grid proper notification of the test.

Kiewit to provide documentation for the notification of Witness Points no less than (10) business days to provide National Grid the opportunity to witness off-site testing. For this specific case Kiewit provided an opportunity to National Grid for review of the hydrotest documentation of the Coalescing Filter Tag#D-020 on 2/13/2020. Report is attached. The Findings documented in the report have been closed and a copy of the Findings Log is included.

Regen Gas Heater LDE-1021A tube bundle was removed for cleaning and Eddy Current testing to evaluate the condition of tubes from improper preservation. The testing was performed by IRIS NDT and the test results are attached. Two tubes were found with minor pit like indications showing a measured wall loss. In addition during the inspection several tubes were found to have been bent which caused contact between adjacent tubes causing a non relevant indication with one tube was only partially scanned due to the bent condition.

Kiewit to provide documentation for the notification of Witness Points no less than (10) business days to provide National Grid the opportunity to witness off-site testing. For this specific case Kiewit provided an opportunity to National Grid for review of the hydrotest documentation of the Coalescing Filter Tag#D-020 on 2/13/2020. Report is attached. The Findings documented in the report have been closed and a copy of the Findings Log is included.

Regen Gas Heater LDE-1021B tube bundle was removed for cleaning and Eddy Current testing to evaluate the condition of tubes from improper preservation. The testing was performed by IRIS NDT and the test results are attached. Two tubes were found with indications. Open tube was bent within the first foot and could not be inspected and one tube had non-relevant indication due to tube to tube contact. See attached report.

Rebuild and replace tube bundle performing all required testing as per the contractual requirements.

Regen Gas Heater LDE-1021B tube bundle was removed for cleaning and Eddy Current testing to evaluate the condition of tubes from improper preservation. The testing was performed by IRIS NDT and the test results are attached. Two tubes were found with indications. Open tube was bent within the first foot and could not be inspected and one tube had non-relevant indication due to tube to tube contact. See attached report.

Rebuild and replace tube bundle performing all required testing as per the contractual requirements.

Kiewit procedure 102761-B-QLT-PRD-0011 Corrective & Preventative Actions states the purpose of said procedure is to establish a continuous improvement process for generating documentation and implementing Corrective and Preventive Actions in accordance with Kiewit's Quality Management System. Section 19.3 of the Kiewit QMS rev 3 states that Corrective or Preventive Action requests can be initiated by the clients or by our employees. National Grid has determined that the number and causes of Non-Compliance Reports (NCR) generated for this project has warranted Corrective Action Reports (CARs) and has requested on several occasions such reports be generated (see attachment). To date Kiewit has not generated CARs.

Kiewit will perform CARs as trends are found. See attached 3 CAR's Kiewit and National Grid had a call between the quality groups and agreed on a path forward.

Kiewit will updated the Quality Audit Schedule. Kiewit and National Grid quality groups meet via a conference call and agreed the attached audits performed by Kiewit meet the audit requirements. Kiewit will invite National Grid to attend future audits.
<table>
<thead>
<tr>
<th>NCR Ref.</th>
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<th>Issue Date</th>
<th>Description</th>
<th>Agreed NCR Corrective Action</th>
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<th>Probable Cause</th>
<th>Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR010-RPT-030</td>
<td>RPT-030</td>
<td>2/27/2020</td>
<td>The Contract, Section 3.10 Welding Requirements, requires all procedures for welding of piping, vessels and equipment performed off-site to be submitted to the Owner for review and approval prior to construction. This requirement is also noted in the Contract between Kiewit and Patterson Horth in Sub-contract SC-7200002536 Compressor Building. Kiewit, sub-vendor to Patterson Horth has refused to submit the required welding procedures claiming such procedures as company proprietary information.</td>
<td>Require Patterson Horth/Nucor to formally submit welding procedures and quality deliverables through TeamBinder for National Grid review and approval prior to commencing any welding work.</td>
<td>4/2/2020</td>
<td>5/29/2020</td>
<td>Procurement</td>
<td>OSSQ</td>
</tr>
<tr>
<td>SR010-RPT-031</td>
<td>RPT-031</td>
<td>2/27/2020</td>
<td>Fields Point Project Management of Change Implementation process, dated March 15th, 2019 define the requirements for Major Changes in Section 3.3 and the requirements for Minor Changes in Section 3.4. Each respective section further provides the steps and processes on how changes are implemented utilizing forms, team reviews, studies and an additional requirement that the MOC is only to be implemented once approval had been received. Kiewit has modified and submitted in large quantity P&amp;ID drawings and classified these drawings as IFC. These drawings depict processes that have been changed, which is in violation of the MOC Implementation Plan. The required MOC documentation and prior approval of the MOC is required as stated in the Implementation Plan.</td>
<td>All Kiewit Project Engineering Staff must attend training on the project MOC procedures which will be conducted by Ryan Terry of PSRG. Kiewit agrees to the above disposition</td>
<td>4/2/2020</td>
<td>5/29/2020</td>
<td>Engineering</td>
<td>Engineering</td>
</tr>
<tr>
<td>SR010-RPT-032</td>
<td>RPT-032</td>
<td>2/27/2020</td>
<td>Kiewit placed backfill on Duct Bank area 7 using (12&quot;) lifts. Earthwork Specification 102761-B-CIV-SPC-0001 REV 01 states in Section 4.15 Compaction Requirements that for Trench's the Backfill shall be placed in 6&quot; Lifts.</td>
<td>Kiewit will remove the non-compliant backfill and replace in 6&quot; Lifts for the area of Duct Bank 7 and follow the 102761-B-CIV-0001 Earthwork Specification going forward.</td>
<td>4/2/2020</td>
<td>7/8/2020</td>
<td>Contractor</td>
<td>Construction</td>
</tr>
<tr>
<td>SR010-RPT-033</td>
<td>RPT-033</td>
<td>3/3/2020</td>
<td>Kiewit Plain and Reinforced Concrete procedure 102761-B-STR-SPC-0024 rev 1 Section 4.6.2.3 states Form removal shall be in accordance with ACI 301/ACI 301A and the following, which further states certain forms could be removed in (48) hours. ACI 301 Section 2.1.2.1 requires a submittal of a method for determining concrete strength for formwork removal in accordance with 2.3.4.2 when a method other than field-cured cylinders is proposed. ACI 347 section 7.3.1 states the engineer/architect should specify a minimum strength of the concrete to be attained before removal of forms or shores. Section 3.7.2.3 states because the minimum stripping time is a function of concrete strength, the preferred method of determining stripping time is using tests of job-cured cylinders or concrete in place. An alternative method has not been submitted for approval and forms have been removed before a compressive strength test has been completed and accepted.</td>
<td>Kiewit to submit a plan to National Grid for review and approval that does not require a compressive strength values as a determine factors in form removal or submit a compressive strength value to be met prior to form removal.</td>
<td>6/4/2020</td>
<td>7/8/2020</td>
<td>Engineering</td>
<td>Construction</td>
</tr>
<tr>
<td>SR010-RPT-034</td>
<td>RPT-034</td>
<td>3/20/2020</td>
<td>Kiewit QMS rev 3 section 18.3 States “When a nonconforming situation or procedure is detected, the issues is documented and actions are taken to correct or resolve the issue in a timely manner. National Grid has (4) NCR's generated during 2019 without agreed dispositions, (14) NCR's generated during 2019 that are open without closure.</td>
<td>Kiewit will provide National Grid with an updated status for all open NCR's along with a schedule detailing projected dates for open NCR dispositions and closures. Kiewit will make NCR update party of the weekly client meeting with National Grid in order to keep the team focused on closing out the currently issued NCR’s as well as any future NCR’s issued on the project.</td>
<td>5/26/2020</td>
<td>5/28/2020</td>
<td>Quality</td>
<td>Quality</td>
</tr>
<tr>
<td>SR010-RPT-035</td>
<td>RPT-035</td>
<td>3/3/2020</td>
<td>National Grid performed an audit on legacy film for the 3886 LD-1000/C Adsorber at the GCAW facility and rejected the Number 4 weld on Nozzle &quot;B&quot; due to chemical stains rendering the film non-compliant with code requirements.</td>
<td>Provide owner with current Organizational Chart that provides names to the positions as noted in Appendix &quot;1&quot;, and submit resumes on all Key Personnel that have changed within the last (90) days.</td>
<td>5/26/2020</td>
<td>7/17/2020</td>
<td>OSSQ</td>
<td>OSSQ</td>
</tr>
<tr>
<td>SR010-RPT-036</td>
<td>RPT-036</td>
<td>3/3/2020</td>
<td>Section 2.6 Employees and Key Personnel of the Prime Contract requires Key Personnel to be devoted to the Liquefaction Project for all of the time which is necessary to perform the Work and Contractor shall not remove or replace any of the Key Personnel without the prior written approval of Owner, which approval shall not be unreasonably withheld. Kiewit has on multiple occasions removed and replaced Key Personnel on the Project with new personnel without proper notification and/or approval.</td>
<td>Open pending additional information</td>
<td>5/26/2020</td>
<td>5/29/2020</td>
<td>Project Management</td>
<td>Project Management</td>
</tr>
</tbody>
</table>
SR010-RPT-037  3/10/2020  The Engineering, Procurement and Construction Contract Number 4400005216 provides requirements for the Contractor to submit documents for Client review and approval. These requirements are addressed in the Scope of Work Section 2.25 and further in Appendix “J”. The attached Kiewit TRN # 0208B shows (10) Piping Material Specifications that were reviewed without providing documents to client for review and/or approval. The attached review history shows an example where Piping Specification 102761-B-MEC-SPC-003 was issued a Studio Session for revision “A & B” but sessions for revisions “00, D1, Q2, & Q3” were not issued. Summarizing the actions from the Document Control Breakout Meeting on March 25, 2020, National Grid will expand the table in Section 4.4 of the Scope of Work and List of Deliverables to expand upon the deliverables National Grid would like to formally review and approve and Kiewit will determine the appropriate methodology to facilitate those reviews. Kiewit will update the Document Control procedure with the mutually agreed table and resolve any outstanding National Grid comments. In the interim, the project will continue the current document review communication process of National Grid/CHV submitting comments, and Kiewit responding to all comments, even if the comment is not incorporated, and regardless of document type, content of comment, or timing (i.e. when the document was issued). 4/10/2020  5/29/2020  Engineering  Engineering

SR010-RPT-038  3/24/2020  Section 2.25 Design and Engineering Work paragraph (f) of the contract states As Built Drawings and Specifications. During construction, Contractor shall keep a relied, marked, up-to-date set of As-Built Drawings and specifications on the Work Site as required under Appendix “U”. Kiewit has not maintained a “set” of as-built drawings as required by the statement above for piling and other civil activities. Kiewit will produce a set of “E” size drawings for all past and future construction activities where as-built conditions have been generated. These drawings will be made available to all National Grid personnel in a timely manner. Additionally, Kiewit will maintain a record of the as-built conditions for review and future construction activities and notify the proper personnel as provided by National Grid before any work is performed. 4/3/2020  6/3/2020  Engineering  Engineering

SR010-RPT-039  3/24/2020  Section 3.3 Engineering Design listed under the Scope of Work states: “Development of up-to-date equipment lists, Drawings, specifications, and requisition schedules. Frequency to be agreed with Owner as appropriate”. National Grid has made repeated requests for Kiewit to provide an updated Drawing Index on a weekly basis and this has not happened. Kiewit shall produce an updated drawing index in an acceptable format for all IFC/FD/FI drawings and submit such list to National Grid Engineering by COB on each Friday during design and construction of the LNG Facility. 4/6/2020  6/17/2020  Engineering  Engineering

SR010-RPT-040  3/24/2020  The contract requires Kiewit to develop within (45) days after Full Notice to Proceed (FNTP) a Project Procedure Manual and as the prime purpose of the PPM is to ensure consistent project processes and procedures. National Grid has requested that Kiewit develop a Site Specific Document Control procedure for over (8) months and as of this date the referenced procedure 102761-B-DMT-PROC-001 FPLP Document Control Procedure has not fully addressed the Owner’s comments as contractually required. Kiewit shall immediately produce and implement the Client’s comments in the referenced Document Control Procedure and submit as IFC to the project. 6/2/2020  6/2/2020  Project Management  Project Management

SR010-RPT-041  3/24/2020  Kiewit performed a closure of the Dry Well next to the Old Propane House without properly notifying National Grid Construction, Environmental and GQA. Procedural steps were provided to Kiewit Construction Manager by National Grid Construction Manager on Friday March 20th, 2020 which outlined the steps and notification requirements for the proposed activity. Kiewit performed the work on Monday March 23rd without notifying the proper personnel as provided by National Grid. Kiewit to perform a root cause analysis that shall accompany this NCR. The root cause shall be submitted to National Grid for review and approval and a subsequent discussion shall follow. Additionally a Corrective Action shall be generated as this is a recurring event where steps and notification requirements are not followed. 4/1/2020  7/8/2020  Project Management  Construction

SR010-RPT-042  4/10/2020  Kiewit OSSQ performed a Final Inspection and Document Review on 4-8-2020 at the Highland Tank facility (Report #200408 Highland Tank). There were multiple findings during this visit which included (1) U-1A form requires correction (2) Multiple X-ray reports were found to be non-compliant; missing IQIs, missing “P” markers, missing acceptance noted on report (3) PMI Testing showed low values on nickel-composition (4) Missing NDE testing prior to hydro testing (5) Welder Performance Qualification records were found to have various errors. (6) Welding Procedures were found to have typographical errors on the PQR documents. Kiewit to perform a root cause analysis that shall accompany this NCR. The root cause shall be submitted to National Grid for review and approval and a subsequent discussion shall follow. Additionally a Corrective Action shall be generated as this is a recurring event where documentation review uncovers multiple findings subsequent to a recent OSSQ inspection. All items as noted in Section “K” are required to be corrected as required to a compliant status with project and code requirements. 5/21/20  7/22/2020  OSSQ  OSSQ

SR010-RPT-043  4/24/2020  The Contract, Number 4400005216 between National Grid LLC and Kiewit Power Constructors Co. states in section 1.20 if the Scope of Work and List of Deliverables the Contractor shall be responsible for providing warehouse and storage facilities both on or off site. Also stated in this section “K” shall be the responsibility of the Contractor to store, protect and maintain all equipment and materials in accordance with SOW; the Supplier’s preservation requirements and good practice”. The final inspection and FAT testing were conducted on 3-5-2020 and National Grid’s request for Preservation and Maintenance and inspection records have not been providing which indicates the PIM for the PDC and installed electrical equipment has not been performed in accordance with the manufacturer’s requirements. The equipment as noted above shall be inspected by either National Grid or a 3rd party inspector, suitable to National Grid to what extent necessary and then any repairs, if applicable, shall be corrected to National Grid’s satisfaction. Kiewit shall immediately provide a PIM procedure which will include the building and installed electrical gear in accordance with the manufacturer’s requirements. The PIM procedure shall provide details of how the preservation requirements will be maintained during shipment and during storage on site. 5/21/20  5/13/2020  Engineering  Engineering
<table>
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<tr>
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<tr>
<td>SR010-RPT-044</td>
<td>5/5/2020</td>
<td>The Prime Contract requires Kiewit to provide Client with a copy of any Supply Contract within (10) days after request by Owner. National Grid has requested Kiewit to provide a SDS (Supplier Document Schedule) showing quality deliverables and schedule for the Compressor Building contract. As of this writing, the SDS has not been provided.</td>
<td>Kiewit shall provide National Grid Supplier Document Schedule as requested.</td>
<td>5/21/2020</td>
<td>6/1/2020</td>
<td>Procurement</td>
<td>Procurement</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-045</td>
<td>5/5/2020</td>
<td>The Prime Contract, Vendor Contract and Vendor and Subcontractor Document Control and Expediting Procedure provide requirements for Vendors and Subcontractors to provide documentation deliverables per the Seller's Deliverable Schedule. The submittal process shall use the Vendor Data Module of InEight Document (TeamBinder). Additional requirements also state the type of quality deliverables required for submittal. The QA/QC program requirements are passed on to the second-tier suppliers and that the subcontractor enforces them. National Grid has refused to submit the quality deliverables as so required through InEight for Owner review and approval.</td>
<td>Kiewit shall require NUCOR, as a subcontractor to Patterson Horth, to submit all required quality deliverables through the InEight/TeamBinder system for review and approval by Client.</td>
<td>5/20/2020</td>
<td>Open</td>
<td>Procurement</td>
<td>OISSQ</td>
<td></td>
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<tr>
<td>SR010-RPT-046</td>
<td>6/2/2020</td>
<td>Section 3.10 of the Contract requires all welding procedures to be submitted to Owner for review and approval prior to construction. The Base plates for the PDC column drawing 102761-B-00-0000-STR-SP-5806 detail 1 were modified to use a welded embed rod versus the anchor bolt as called-out. The fabrication was performed off-site and subsequently installed without Owner approval of welding procedure or welder qualification.</td>
<td>Kiewit shall require the outside fabricator to provide a WPS, PQR and Welder Certifications for Client review. Kiewit shall also provide CMTR's for the base plate and embed not used in this application. This NCR will prevent the setting of any equipment on the referenced foundation until the NCR is closed.</td>
<td>6/2/2020</td>
<td>Open</td>
<td>Procurement</td>
<td>Quality</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-047</td>
<td>6/2/2020</td>
<td>Drawing 102761-B-00-0000-STR-SP-5175 detail 8 shows using Mirafi 180N instead of the required 180N. This substitution was not approved by Engineering prior to the placement and is considered non-compliant with the specification.</td>
<td>National Grid is requiring a Corrective Action Report be initiated for this specific occurrence and the CAR shall cover the procurement, receiving and installation of the non-compliant product. The CAR must follow the requirements of 102761-B-QLT-PRO-0011 Corrective and Preventive Action procedure.</td>
<td>Open</td>
<td>Open</td>
<td>Contractor</td>
<td>Quality</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-048</td>
<td>6/10/2020</td>
<td>Kiewit procured base plates for the PDC building columns from an outside vendor. The base plates required welding (4) 1” diameter embed rods to the plate in accordance with Kiewit RF100161 replacing the previously designed anchor bolts. The welding of the embed rods was performed and installed. A review of the Weld Procedure and Welder Qualification Records provided from the outside vendor showed the welder qualified for maximum 3/4” thickness in accordance with AWS D1.1 but the overall rod welded was 1” diameter for which was outside the welder's qualified limitations. Kiewit failed to properly review and vet the outside vendor for the work performed.</td>
<td>The base plates as installed are to be removed and properly welded with qualified welders and replaced by a method suitable to National Grid. The repeated failure by Kiewit to follow the contract and/or procedures will require a Corrective Action Report to be generated on this specific instance which will be submitted to NG for review and approval.</td>
<td>7/15/2020</td>
<td>Open</td>
<td>Contractor</td>
<td>Construction</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-049</td>
<td>6/11/2020</td>
<td>Kiewit's Thermal Control plan dated December 5, 2019 provides specifications and tolerances for mass concrete pour temperatures delta between core and near surface. Section “F” of this specification limits the temperature delta between the core and near concrete surface to a maximum of 35°F during the first 4 days. The pour was placed on 5/28/2020 and the attached data log shows for a period of approximately (8) hours between 5/30/2020 @ 5:08 AM until 5/30/2020 @ 12:08 PM the monitored temperature differential was in excess of 35°F (see attached log).</td>
<td>Further testing and observation found the concrete did not exceed the 185 degrees (F) per the Thermal Control Plan Table 6.2.2.2</td>
<td>7/5/2020</td>
<td>7/17/2020</td>
<td>Contractor</td>
<td>Construction</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-050</td>
<td>6/15/2020</td>
<td>Hudson Products, subcontractor to Kiewit, submitted their ASME Welding Process Usage Log for National Grid review and the review showed the continuity lacked full traceability to show the welders welded with their qualified process(es) during the previous welding periods as required by ASME Section IX. Hudson is contracted to provide Air Cooled Heat Exchangers and structural steel supports for this product. National Grid will not accept any welders used for the ACHE and/or structural steel fabrication that do not have full traceability of qualifications and welding continuity.</td>
<td>Continuity package to be reviewed prior to hydrotest</td>
<td>7/15</td>
<td>Open</td>
<td>Vendor</td>
<td>OISSQ</td>
<td></td>
</tr>
<tr>
<td>SR010-RPT-051</td>
<td>6/16/2020</td>
<td>Kiewit provided National Grid with a data package to document current work as performed on the compressor building structural steel. The review identified (5) Welder Performance Qualification Records (WQR) that were not signed by a qualified person at the time of welder testing rendering these records as non-compliant and the welders non-certified. AWS D1.1 Structural Welding Code - Steel requires qualified personnel to witness visual acceptance of the welds and visual acceptance of the destructive bend test. The welder I.D.’s are as follows: #7, #14, #15, #25, and #91.</td>
<td>All welds that were deposited by the above referenced welders are rejected and must be either cut-out and re-welded or replaced with completely new fabricated members. Other alternative corrective methods may be submitted to Client for their approval.</td>
<td>Open</td>
<td>Open</td>
<td>Vendor</td>
<td>OISSQ</td>
<td></td>
</tr>
</tbody>
</table>
Air Content was observed as being 3.3% per the required 4.5%-7.5%. Resulting in failure Submitted 7/8/2020 for closure No action to be taken

NCR will remain open until equipment is re-painted


documentation that would support proper maintenance and preservation activities during the period of January of 2018 through the date of this NCR.

Companders K-The equipment maintenance and preservation for the Companders 1CS-ATOS system. The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interim.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system. The cut-off tolerance shall be within 1 inch of the required elevation shown in the contract documents.

Re-coating shall be performed as per 102761-B-MEC-SPC-0070 section 4.5.4.1.12 consultation with equipment manufacturer and owner to determine inspection steps performed and report submitted to Kiewit and National Grid.

Volumetric examination to be performed in conformance with code and required per the mix design.

1. NDE must be re-performed in compliance to the contract specification.

Blast incorrect coating and recoat with approved coating system per specification 102761-B-MEC-SPC-0070 section 4.5.4.1.12

Rework to Acceptable Standard

1. New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.

Consultation with equipment manufacturer and owner to determine inspection steps performed and report submitted to Kiewit and National Grid.

2. Atlas Copco needs to provide Technician to site to evaluate the damage to upper concrete driven pile DP-70 during pile driving activities, damage is just above grade, within the warehouse and evaluate the equipment.

Damage to upper concrete driven pile DP-70 during pile driving activities, damage is just above grade, within the warehouse and evaluate the equipment.

New preservation procedure has been implemented when performing the back filling and installing the Tensar wall that we noticed that the concrete driven pile DP-70 was not well centered during driving but could not correct enough to get back in plumb south east side of the column, extending from the break.

If air test fails initially, take new sample and re-perform air content test. If fails again proceed with air content test a second time.

Kiewit oversight of proper film and documentation reviews performed proceeding with any installation and applications of materials.

11/21/2019 Feeds through 11/24/2019

Do we need to perform backfill procedures including pressure testing procedure to begin 1/5/2020 and proceed through start-up CMD-0177d Ref. CMD-0177a & CMD-0177b have not been followed and reworked.

3/6/2020 Kiewit and National Grid

New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.

1. New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.

If air test fails initially, take new sample and re-perform air content test. If fails again proceed with air content test a second time.

The cut-off tolerance shall be within 1 inch of the required elevation shown in the contract documents.

The coatings found to be applied are Sherwin-Williams Macropoxy 646 (Interim.) and Acrolon 218 HS (Finish) 200 degree Fahrenheit system. The cut-off tolerance shall be within 1 inch of the required elevation shown in the contract documents.

Re-coating shall be performed as per 102761-B-MEC-SPC-0070 section 4.5.4.1.12 consultation with equipment manufacturer and owner to determine inspection steps performed and report submitted to Kiewit and National Grid.

1. New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.

Rework to Acceptable Standard

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11/21/2019 Feeds through 11/24/2019

Do we need to perform backfill procedures including pressure testing procedure to begin 1/5/2020 and proceed through start-up CMD-0177d Ref. CMD-0177a & CMD-0177b have not been followed and reworked.

3/6/2020 Kiewit and National Grid

New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.

1. New preservation procedure is to be submitted for both off-site and on-site storage encompassing requirements through commissioning.
During driving of concrete piles obstructions were encountered and forced two (2) piles 70.7 feet of casing on the pile, which is 6.4 feet more than the casing length given for the pile.


During driving of concrete piles obstructions were encountered and forced six (6) piles (5620-F-DP-17; 5620-F-DP-24; 5620-F-DP-25; 5601-F-DP-27; 5601-F-DP-28; 5601-F-DP-29) out of tolerance.

During driving of concrete piles obstructions were encountered and forced one (1) pile (5871-D-DP-04) out of tolerance.

During driving of concrete piles obstructions were encountered and forced thirty (30) piles out of tolerance.

During driving of concrete piles obstructions were encountered and forced six (6) piles (5871-D-DP-04, 5871-D-DP-09, 5871-D-DP-14, 5871-D-DP-18, 5871-D-DP-21, 5871-D-DP-25) out of tolerance.

During driving of concrete piles obstructions were encountered and forced two (2) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced two (2) piles (5871-D-DP-03 & 5871-D-DP-08) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced twelve (12) piles (5871-D-DP-04, 5871-D-DP-09, 5871-D-DP-14, 5871-D-DP-18, 5871-D-DP-21, 5871-D-DP-25) out of tolerance.

During driving of concrete piles obstructions were encountered and forced forty-five (45 ) out of tolerance and two (2) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced one (1) pile (5871-D-DP-04) out of plumb.

During driving of concrete piles obstructions were encountered and forced thirty (30) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced two (2) piles out of plumb.


During driving of concrete piles obstructions were encountered and forced twelve (12) piles (5871-D-DP-04, 5871-D-DP-09, 5871-D-DP-14, 5871-D-DP-18, 5871-D-DP-21, 5871-D-DP-25) out of plumb.

During driving of concrete piles obstructions were encountered and forced one (1) pile (5871-D-DP-04) out of plumb.

During driving of concrete piles obstructions were encountered and forced thirty (30) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced two (2) piles out of plumb.

During driving of concrete piles obstructions were encountered and forced one (1) pile (5871-D-DP-04) out of plumb.

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During the demolition of an existing slab for the propane foundation, Duct Bank #5 was encountered at the bottom of the casing after drilling, which is in line with the Civil Earthwork Specifications. Sec 4.12 of the earthwork specification states that "Only Structural Fill shall be placed under concrete structures, and paved areas." During the demolition of an existing slab for the propane foundation, Duct Bank #5 was encountered at the bottom of the casing after drilling, which is in line with the Civil Earthwork Specifications. Sec 4.12 of the earthwork specification states that "Only Structural Fill shall be placed under concrete structures, and paved areas." During the demolition of an existing slab for the propane foundation, Duct Bank #5 was encountered at the bottom of the casing after drilling, which is in line with the Civil Earthwork Specifications. Sec 4.12 of the earthwork specification states that "Only Structural Fill shall be placed under concrete structures, and paved areas."