

Inspection Output (IOR)

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Inspection Information

Inspection Name	CNG Longview	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	01/04/2018
Status	PLANNED	Lead	Scott A Rukke	Plan Approval	01/08/2018 by Joe Subsits
Start Year	2018	Team Members	Derek Norwood, Scott Anderson	All Activity Start	01/09/2018
System Type	GD	Observer(s)	Deborah Becker, Denise Crawford	All Activity End	03/30/2018
Protocol Set ID	WA.GD.2017.01	Supervisor	Joe Subsits	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

Inspection Summary

Inspection question set sent to Chris Grissom on 1/18/2018.

Emphasis was placed on contractor OQ.

A complete OQ review was conducted of the contractors involved with Phase VI of the Longview bare pipe replacement program.

2/26/2018 1/2 office and 1/2 field

2/27/2018 full day office

2/28/2018 1/2 office and 1/2 field

3/1/2018 1/2 office 1/2 field

During the next inspection cycle it is suggested that some emphasis should be placed on pre-field work finding HOS buildings and areas. CNG implemented a procedure to find these types of sites during their leak surveys and then placing them on the annual cycle for HOA surveys. If CNG's leak surveyor does not identify these sites then a violation probable exists and CNG was informed of this.

During CP records reviews of the annual test sites it was noted that there are 4 areas with "outlet" reads (customer piping) that were similar to the inlet (CNG) reads. This could indicate that there is electrical continuity across the insulator. During our field inspection we visited these sites and there were no electrical shorts. CNG is currently working on a procedure on how to test these sites and what reading would require a continuity test across the insulator. This is currently being done, there is just no procedure in place to indicate what read would require the test.

Records indicate that CNG has two bridge crossings that are exhibiting signs of atmospheric corrosion. The coatings are deteriorated and surface rust is present. These pipelines are in the permitting phase and the Army Corps of Engineers is holding up the process. These pipelines were inspected during the field review and appear to be operating safely. They are scheduled to be replaced by directional drilling under the waterways once the ACE approves the permits.

During this inspection emphasis was placed on Operator Qualification. An extensive review was done of records pertaining CNG's Phase 6 Longview replacement project which utilized numerous contractors. Jobs were reviewed from mains to service and meter sets. All records reviewed indicated that employees had the proper operator qualification and records were complete. No issues were noted.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	Longview District	Longview District 7602	other	Longview District	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned	116	116	116	116	100.0%

a. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Longview District	n/a	TQ.OQ.OQCONTRACTOR.P, TQ.OQ.OTHERENTITY.R, TQ.OQ.RECORDS.R, TQ.OQ.TRAINING.R, TQ.OQ.ABNORMAL.O, TQ.PROT9.QUALIFICATIONSTATUS.O, TQ.PROT9.TASKPERFORMANCE.O, TQ.PROT9.AOCRECOG.O, DC.MA.MARKING.O, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, DC.METERREGSVC.REGTEST.O, TD.CPMONITOR.MONITORCRITERIA.O, TD.CPMONITOR.CURRENTTEST.O, TD.CP.ELECSISOLATE.O, TD.CPMONITOR.TESTSTATION.O, TD.CPMONITOR.TESTLEAD.O, FS.FG.CASING.O, FS.FG.CASESEAL.O, TD.CPMONITOR.INTFRCURRENT.O, TD.CP.ADJACENTMETAL.O, TD.ATM.ATMCORRODEINSP.O, DC.METERREGSVC.CUSTOMETERREGLOC.O, AR.RCOM.REMEDIATIONOM.O, MO.GOODOR.ODORIZE.O, MO.GO.PURGE.O, MO.GMOPP.PRESSREGTEST.O, MO.GMOPP.PRESSREGMETER.O, MO.GMOPP.MULTIPRESSREG.O, MO.GM.DISTVALVEINSPECT.O, MO.GM.VAULTINSPECT.O, AR.RMP.IGNITION.O, DC.METERREGSVC.CUSTOMETERREGPROT.O, AR.PTI.PLASTICPRESSURETEST.O, AR.PTI.EQUIPCALIB.O, DC.CO.PLASTICPIPEPROC.O, DC.CO.PLASTICWEAKLINK.O, DC.CO.PLASTICPIPESEP.O, DC.CO.PLASTICBACKFILL.O, DC.CO.PLASTICSQUEEZING.O, MO.GM.ONSITEPROCS.O, MO.RW.ROWMARKER.O, MO.RW.ROWMARKERABOVE.O, PRR.PT, PRR.REPORT, PRR.UPRATE, EP.ERG.LIAISON.R, MO.RW.DISTPATROLLEAKAGE.R, MO.RW.MARKERSMAPSDRAW.R, MO.RW.MARKERSURVEY.R, MO.GOABNORMAL.ABNORMALREVIEW.R, PD.OC.PDPROGRAM.R, MO.GOCLASS.CLASSLOCATESTUDY.R, EP.ERG.POSTEVTNREVIEW.R, EP.ERG.TRAINING.R, MO.GO.OMANNUALREVIEW.R, EP.ERG.INCIDENTANALYSIS.R, MO.GOMAOP.MAOPDETERMINE.R, MO.GOODOR.ODORIZE.R, AR.RMP.TESTREINSTATE.R, MO.GM.MOVEANDLOWER.R, MO.GM.MOVEANDLOWERSURVEY.R, MO.GM.ABANDONPIPE.R, MO.GMOPP.PRESSREGTEST.R, MO.GMOPP.PRESSREGCAP.R, MO.GM.DISTVALVEINSPECT.R, MO.RW.MARKERREPLACE.R, FS.FG.VAULTINSPECTFAC.R, MO.GM.IGNITION.R, TQ.QUOMCONST.WELDER.R, TQ.QUOMCONST.NDT.R, DC.CO.PLASTICJOINTPROCEDURE.R, DC.CO.PLASTICJOINTQUAL.R, DC.CO.PLASTICJOINTINSP.R, DC.CO.PLASTICPIPESEP.R, PD.PA.EVALEFFECTIVENESS.R, DC.METERREGSVC.REGTEST.R, MO.RW.LEAKFOLLOW.R, MO.RW.DOWNGRADELEAKREPAIR.R, MO.RW.LEAKREPAIRTIME.R, MO.RW.LEAKRECORDS.R, PD.PA.LANGUAGE.R, PD.PA.MSTRMETER.R, MO.GO.OMHISTORY.R, MO.GO.OMEFFECTREVIEW.R, MO.RW.DISTPATROL.R, TQ.QU.CORROSION.R, TD.CPMONITOR.TESTSTATION.R, TD.CPMONITOR.TESTLEAD.R, TD.CPMONITOR.INTFRCURRENT.R, FS.FG.CASINGTESTLEAD.R, FS.FG.CASINGSEALS.R, TD.ICP.EXAMINE.R, TD.ATM.ATMCORRODEINSP.R, TD.COAT.NEWPIPE.R,	P, R, O, S	Detail	

# Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
		TD.CP.ELECISOLATE.R, TD.ICP.REPAIR.R, TD.ICP.EVALUATE.R, TD.CP.RECORDS.R, TD.CPEXPOSED.EXPOSEINSPECT.R, TD.CPMONITOR.CURRENTTEST.R, TD.CPMONITOR.TEST.R, TD.CPMONITOR.REVCURRENTTEST.R, TD.CPMONITOR.DEFICIENCY.R, TD.CP.UNPROTECT.R		

Plan Implementations

# Activity Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Asset Types	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1 Pre Field Inspection	--	01/09/2018 01/12/2018	n/a	all planned questions	all assets	all types	116	116	116	100.0%
2 Office Records and Field Review	--	02/26/2018 03/30/2018	n/a	all planned questions	all assets	all types	116	116	116	100.0%

- a. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
- b. Percent completion excludes unanswered questions planned as "always observe".

Forms

No. Entity	Form Name	Status	Date Completed	Activity Name	Asset
1. Attendance List	Week of 2/27/2018 Office Records	COMPLETED	03/01/2018	Office Records and Field Review	Longview District

Results (Unsat,Concern values, 0 results)

This inspection has no matching Results.

Report Parameters: Results: Unsat,Concern

Inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.