

# Iowa Utilities Board

## Permit Renewal

### Post-Visit Verbal Briefing

**Date of Briefing:** 05/04/2021

**Dates of Inspection:** April 1-2, 2021 and May 4, 2021

**Operator:** MIDAMERICAN ENERGY COMPANY

**Operator ID:** 30750 (RG-0156)

**Assets (Unit IDs) with results in this report:** Permit Renewal P-0831

**System Type:** Gas Transmission

**Inspection Name:** MEC-P-0831-Renewal

**Lead Inspector:** Dan O'Connor with Keith Wieland

#### **Operator Representative:**

Crystal Lee - Associate Operations Analyst

Darwin Hook – Sr. Operations Analyst

Jesus Nuno - Operations Analyst

Tesa Greenlee - Technical Field Trainer, Gas Ops

Deric McLaren - Program Mgr, Gas Integrity

Brian Phelps - Program Mgr, Compliance and Integrity Mgmt

Cameron Elias - Sr Engineer, Gas Integrity

Brent Niemeyer - Principal Engineer, Gas Integrity

Sam Wendt - Engineer II, Gas Integrity

Emily Leone - Program Manager, Regulatory Reporting

Ralph Martens - Director, Compliance & Integrity Management

### **Unsats and/or Concerns**

No Preliminary Findings.

# Inspection

## Inspection Information

Inspection Name MEC-P-0831-Renewal	Operator(s) MIDAMERICAN ENERGY COMPANY (30750)	Plan Submitted 03/12/2021
Status PLANNED	Lead Dan O'Connor	Plan Approval 03/12/2021 by Sanel Lisinovic
Start Year 2021	Team Members Keith Wieland	All Activity Start 04/01/2021
System Type GT	Supervisor Sanel Lisinovic	All Activity End 05/04/2021
Protocol Set ID GT.2021.01	Director Magid Yousif	

## Inspection Summary

### Inspection Scope and Summary

This is an inspection of the Dubuque-Davenport Lateral. Docket number P-0831, Permit # 1180, which is a 16" fusion bonded epoxy steel pipeline that is approximately 62.77 miles in length. This pipeline is cathodically protected. There are two High Consequence Areas on this pipeline. This will include a field inspection and a records review.

### Facilities visited and Total AFOD

IUB staff conducted the records inspection virtually on May 4, 2021. IUB staff also inspected the accessible portions of the pipeline ROW from the beginning to the end of the line and also checking various farm taps along the way. IUB staff conducted the field inspection on April 1-2, 2021. There are two High Consequence Areas associated with the Dubuque-Davenport Lateral.

Days Summary:

AFO Days Keith Wieland = 3

AFO Days Dan O'Connor = 3

Total AFO Days = 6

### Summary of Significant Findings

No issues noted

### Primary Operator contacts and/or participants

Crystal Lee - Associate Operations Analyst

Darwin Hook - Sr Operations Analyst

Jesus Nuno - Operations Analyst

Tesa Greenlee - Technical Field Trainer, Gas Ops

Deric McLaren - Program Mgr, Gas Integrity

Brian Phelps - Program Mgr, Compliance and Integrity Mgmt

Cameron Elias - Sr Engineer, Gas Integrity

Brent Niemeyer - Principal Engineer, Gas Integrity

Sam Wendt - Engineer II, Gas Integrity

Emily Leone - Program Manager, Regulatory Reporting

Ralph Martens - Director, Compliance & Integrity Management

**Operator executive contact and mailing address for any official correspondence**

Timothy Whipple

Vice President & General Counsel

MidAmerican Energy Company

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Des Moines, IA. 50306-0657

## Results

### AR.IL: In-Line Inspection (Smart Pigs)

1. Question Result, ID, Sat, AR.IL.INVALIDATE.R, 192.947(g) (192.921(a)(1))  
References

Question Text *Do records demonstrate that the operator has validated ILI assessment results per their process?*

Assets Covered P-0831 Renewal

### AR.PTI: Integrity Assessment Via Pressure Test

2. Question Result, ID, NA, AR.PTI.PRESSTESTRESULT.R, 192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d),  
References 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b),  
192.617, 192.619(a), 192.919(e), 192.921(a)(2))

Question Text *Do the test records validate the pressure test?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

### AR.RC: Repair Criteria (HCA)

3. Question Result, ID, NA, AR.RC.SCHEDULEIMPL.R, 192.947(f) (192.933(d))  
References

Question Text *Do records demonstrate that defects in covered segments were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 192.933(d)?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

### AR.RMP: Repair Methods and Practices

4. Question Result, ID, NA, AR.RMP.METHOD.R, 192.709(a) (192.713(a), 192.713(b), 192.717(a), 192.717(b), ASME B31.8S-  
References 2004 Section 7)

Question Text *From the review of records, were all repairs performed in accordance with processes, applicable sections of 49 CFR Parts 192 and the guidance of ASME B31.8S-2004, Section 7, and the Pipeline Repair Manual, Revision 5?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

5. Question Result, ID, References Sat, AR.RMP.REPAIRQUAL.R, 192.807(b) (192.805(h))  
 Question Text *From the review of selected records, were personnel performing repairs, other than welding, and post repair tests qualified for the task they performed?*  
 Assets Covered P-0831 Renewal
6. Question Result, ID, References Sat, AR.RMP.REPLACESTD.R, 192.713(a) (Part 192 Subpart D)  
 Question Text *From the review of records, were any components that were replaced constructed to the same or higher standards as the original component?*  
 Assets Covered P-0831 Renewal
7. Question Result, ID, References Sat, AR.RMP.FIELDREPAIRLEAK.R, 192.717(a) (192.717(b))  
 Question Text *From the review of records, did the operator properly repair leaks on transmission lines?*  
 Assets Covered P-0831 Renewal

## CR.CRMRR: CRM Roles and Responsibilities

8. Question Result, ID, References Sat, CR.CRMRR.PRESSLIMITS.O, 192.631(b)(2) (192.619(a), 192.631(e)(1))  
 Question Text *Are controllers aware of the current MAOPs of all pipeline segments for which they are responsible, and have they been assigned the responsibility to maintain those pipelines at or below the MAOP?*  
 Assets Covered P-0831 Renewal

## CR.SCADA: Supervisory Control and Data Acquisition

9. Question Result, ID, References Sat, CR.SCADA.POINTVERIFY.R, 192.631(c)(2)  
 Question Text *Have required point-to-point verifications been performed?*  
 Assets Covered P-0831 Renewal

## DC.DPC: Design of Pipe Components

10. Question Result, ID, References Sat, DC.DPC.VALVESPACE.O, 192.141 (192.179(a), 192.179(b), 192.179(c), 192.179(d))  
 Question Text *Are transmission line valves being installed as required by 192.179?*  
 Assets Covered P-0831 Renewal

## EP.ERG: Emergency Response

11. Question Result, ID, References Sat, EP.ERG.REVIEW.R, 192.605(a)  
 Question Text *Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?*  
 Assets Covered P-0831 Renewal
12. Question Result, ID, References Sat, EP.ERG.NOTICES.R, 192.615(a)(1)  
 Question Text *Do records indicate receiving, identifying, classifying and communication of notices of events requiring immediate response in accordance with procedures?*  
 Assets Covered P-0831 Renewal
13. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PD.PA)  
 Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*  
 Assets Covered P-0831 Renewal

## IM.CA: Continual Evaluation and Assessment

14. Question Result, ID, Sat, IM.CA.REASSESSINTERVAL.R, 192.947(d) (192.937(a), 192.939(a), 192.939(b), 192.913(c))  
References  
Question Text *Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?*  
Assets Covered P-0831 Renewal

## IM.HC: High Consequence Areas

15. Question Result, ID, Sat, IM.HC.HCANEW.R, 192.947(d) (192.905(c))  
References  
Question Text *Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?*  
Assets Covered P-0831 Renewal
16. Question Result, ID, Sat, IM.HC.HCADATA.O, 192.905(c)  
References  
Question Text *Are HCAs correctly identified per up-to-date information?*  
Assets Covered P-0831 Renewal

## IM.PM: Preventive and Mitigative Measures

17. Question Result, ID, Sat, IM.PM.PMMGENERAL.R, 192.947(d) (192.935(a))  
References  
Question Text *Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?*  
Assets Covered P-0831 Renewal

## MO.GOABNORMAL: Gas Pipeline Abnormal Operations

18. Question Result, ID, Sat, MO.GOABNORMAL.ABNORMAL.R, 192.605(a) (192.605(c)(1))  
References  
Question Text *Did personnel respond to indications of abnormal operations as required by the process?*  
Assets Covered P-0831 Renewal

## MO.GOCLASS: Gas Pipeline Class Location

19. Question Result, ID, Sat, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))  
References  
Question Text *Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?*  
Assets Covered P-0831 Renewal
20. Question Result, ID, NA, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c)) (also presented in: MO.GO)  
References  
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*  
Assets Covered P-0831 Renewal  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
21. Question Result, ID, Sat, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c)) (also presented in: MO.GO)  
References  
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*  
Assets Covered P-0831 Renewal

## MO.GOMAOP: Gas Pipeline MAOP

22. Question Result, ID, Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.709(c) (192.619(a), 192.619(b))  
References  
Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*  
Assets Covered P-0831 Renewal
23. Question Result, ID, Sat, MO.GOMAOP.MAOPLIMIT.R, 192.603(b) (192.605(b)(5))  
References  
Question Text *Do records indicate operation within MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices, was assured while starting up and shutting down any part of the pipeline?*  
Assets Covered P-0831 Renewal

## MO.GM: Gas Pipeline Maintenance

24. Question Result, ID, Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c)) (also  
References presented in: MO.GMOPP)  
Question Text *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*  
Assets Covered P-0831 Renewal
25. Question Result, ID, Sat, MO.GM.VALVEINSPECT.R, 192.709(c) (192.745(a), 192.745(b))  
References  
Question Text *Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?*  
Assets Covered P-0831 Renewal
26. Question Result, ID, Sat, MO.GM.VALVEINSPECT.O, 192.745(a) (192.745(b))  
References  
Question Text *Are field inspection and partial operation of transmission line valves adequate?*  
Assets Covered P-0831 Renewal

## MO.GOODOR: Gas Pipeline Odorization

27. Question Result, ID, Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d),  
References 192.625(e), 192.625(f))  
Question Text *Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?*  
Assets Covered P-0831 Renewal

## MO.GO: Gas Pipeline Operations

28. Question Result, ID, NA, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c)) (also  
References presented in: MO.GOCLASS)  
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*  
Assets Covered P-0831 Renewal  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
29. Question Result, ID, Sat, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c)) (also  
References presented in: MO.GOCLASS)  
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*  
Assets Covered P-0831 Renewal
30. Question Result, ID, Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)  
References  
Question Text *Has the operator conducted annual reviews of the written procedures or processes in the manual as required?*

Assets Covered P-0831 Renewal

31. Question Result, ID, Sat, MO.GO.OMHISTORY.O, 192.605(b)(3)  
References

Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*

Assets Covered P-0831 Renewal

## MO.GMOPP: Gas Pipeline Overpressure Protection

32. Question Result, ID, NA, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))  
References

Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

33. Question Result, ID, Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c)) (also  
References presented in: MO.GM)

Question Text *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*

Assets Covered P-0831 Renewal

34. Question Result, ID, Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))  
References

Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*

Assets Covered P-0831 Renewal

35. Question Result, ID, NA, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b), 192.743)  
References

Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

## MO.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

36. Question Result, ID, Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c)) (also presented in: PD.RW)  
References

Question Text *Do records indicate that ROW surface conditions have been patrolled as required?*

Assets Covered P-0831 Renewal

37. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(c), 192.707(d)) (also presented in:  
References PD.RW)

Question Text *Are line markers placed and maintained as required?*

Assets Covered P-0831 Renewal

38. Question Result, ID, Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c)) (also presented in: PD.RW)  
References

Question Text *Are the ROW conditions acceptable for the type of patrolling used?*

Assets Covered P-0831 Renewal

39. Question Result, ID, Sat, MO.RW.LEAKAGE.R, 192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))  
References

Question Text *Do records indicate leakage surveys conducted as required?*

Assets Covered P-0831 Renewal

## PD.DP: Damage Prevention

40. Question Result, ID, Sat, PD.DP.PDPROGRAM.R, 192.614(c)  
References  
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*  
Assets Covered P-0831 Renewal

## PD.PA: Public Awareness

41. Question Result, ID, Sat, PD.PA.AUDIENCEID.R, 192.616(d) (192.616(e), 192.616(f), API RP 1162 Section 2.2, API RP 1162  
References Section 3)  
Question Text *Do records identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents to which it sends public awareness materials and messages?*  
Assets Covered P-0831 Renewal
42. Question Result, ID, Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4),  
References 192.616(c), ADB-05-03) (also presented in: EP.ERG)  
Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*  
Assets Covered P-0831 Renewal

## PD.RW: ROW Markers, Patrols, Monitoring

43. Question Result, ID, Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c)) (also presented in: MO.RW)  
References  
Question Text *Do records indicate that ROW surface conditions have been patrolled as required?*  
Assets Covered P-0831 Renewal
44. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(c), 192.707(d)) (also presented in:  
References MO.RW)  
Question Text *Are line markers placed and maintained as required?*  
Assets Covered P-0831 Renewal
45. Question Result, ID, Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c)) (also presented in: MO.RW)  
References  
Question Text *Are the ROW conditions acceptable for the type of patrolling used?*  
Assets Covered P-0831 Renewal

## RPT.RR: Regulatory Reporting (Traditional)

46. Question Result, ID, Sat, RPT.RR.ANNUALREPORT.R, 191.17(a)  
References  
Question Text *Have complete and accurate Annual Reports utilizing the most recent form F 7 100.2-1 been submitted?*  
Assets Covered P-0831 Renewal
47. Question Result, ID, Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a))  
References  
Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*  
Assets Covered P-0831 Renewal
48. Question Result, ID, Sat, RPT.RR.INCIDENTREPORT.R, 191.15(a) (192.624(a)(1), 192.624(a)(2))  
References  
Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on the most recent Form within the required timeframe?*  
Assets Covered P-0831 Renewal



49. Question Result, ID, Sat, RPT.RR.INCIDENTREPORTSUPP.R, 191.15(d)  
References  
Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe using the most recent Form?*  
Assets Covered P-0831 Renewal
50. Question Result, ID, Sat, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(b), 191.25(c))  
References  
Question Text *Do records indicate safety-related condition reports were filed as required?*  
Assets Covered P-0831 Renewal
51. Question Result, ID, Sat, RPT.RR.NPMSANNUAL.R, 191.29(a) (191.29(b))  
References  
Question Text *Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?*  
Assets Covered P-0831 Renewal
52. Question Result, ID, Sat, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d))  
References  
Question Text *Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?*  
Assets Covered P-0831 Renewal

## TD.ATM: Atmospheric Corrosion

53. Question Result, ID, Sat, TD.ATM.ATMCORRODE.R, 192.491(c) (192.479(a), 192.479(b), 192.479(c))  
References  
Question Text *Do records document the protection of above ground pipe from atmospheric corrosion?*  
Assets Covered P-0831 Renewal
54. Question Result, ID, Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))  
References  
Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*  
Assets Covered P-0831 Renewal
55. Question Result, ID, Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))  
References  
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*  
Assets Covered P-0831 Renewal

## TD.CPMONITOR: External Corrosion - CP Monitoring

56. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))  
References  
Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*  
Assets Covered P-0831 Renewal
57. Question Result, ID, Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(a))  
References  
Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*  
Assets Covered P-0831 Renewal
58. Question Result, ID, Sat, TD.CPMONITOR.MONITORCRITERIA.R, 192.491(c) (192.463(a))  
References  
Question Text *Do records document that the CP monitoring criteria used was acceptable?*  
Assets Covered P-0831 Renewal

59. Question Result, ID, Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a))  
References  
Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*  
Assets Covered P-0831 Renewal
60. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)  
References  
Question Text *Are impressed current sources properly maintained and are they functioning properly?*  
Assets Covered P-0831 Renewal
61. Question Result, ID, NA, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))  
References  
Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*  
Assets Covered P-0831 Renewal  
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
62. Question Result, ID, NA, TD.CPMONITOR.REVCURRENTTEST.O, 192.465(c)  
References  
Question Text *Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?*  
Assets Covered P-0831 Renewal  
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
63. Question Result, ID, Sat, TD.CPMONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))  
References  
Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*  
Assets Covered P-0831 Renewal
64. Question Result, ID, Sat, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))  
References  
Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*  
Assets Covered P-0831 Renewal
65. Question Result, ID, NA, TD.CPMONITOR.INTERCURRENT.R, 192.491(c) (192.473(a))  
References  
Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*  
Assets Covered P-0831 Renewal  
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
66. Question Result, ID, NA, TD.CPMONITOR.INTERCURRENT.O, 192.473(a)  
References  
Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*  
Assets Covered P-0831 Renewal  
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
67. Question Result, ID, Sat, TD.CP.RECORDS.R, 192.491(a) (also presented in: TD.CP, TD.CPEXPOSED)  
References  
Question Text *Do records indicate the location of all items listed in 192.491(a)?*  
Assets Covered P-0831 Renewal

## TD.CP: External Corrosion - Cathodic Protection

68. Question Result, ID, NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))  
References  
Question Text *Do records adequately document the re-evaluation of non-cathodically protected buried pipelines for areas of active corrosion?*  
Assets Covered P-0831 Renewal  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
69. Question Result, ID, Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))  
References  
Question Text *Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*  
Assets Covered P-0831 Renewal
70. Question Result, ID, Sat, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))  
References  
Question Text *Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*  
Assets Covered P-0831 Renewal
71. Question Result, ID, Sat, TD.CP.RECORDS.R, 192.491(a) (also presented in: TD.CPMONITOR, TD.CPEXPOSED)  
References  
Question Text *Do records indicate the location of all items listed in 192.491(a)?*  
Assets Covered P-0831 Renewal

## TD.CPEXPOSED: External Corrosion - Exposed Pipe

72. Question Result, ID, Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)  
References  
Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*  
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73. Question Result, ID, NA, TD.CPEXPOSED.EXTCORRODEEVAL.R, 192.491(c) (192.485(a), 192.485(b), 192.485(c))  
References  
Question Text *Do records adequately document the evaluation of externally corroded pipe?*  
Assets Covered P-0831 Renewal  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
74. Question Result, ID, Sat, TD.CP.RECORDS.R, 192.491(a) (also presented in: TD.CPMONITOR, TD.CP)  
References  
Question Text *Do records indicate the location of all items listed in 192.491(a)?*  
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## TD.ICP: Internal Corrosion - Preventive Measures

75. Question Result, ID, Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))  
References  
Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*  
Assets Covered P-0831 Renewal
76. Question Result, ID, NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))  
References  
Question Text *Do records document adequate evaluation of internally corroded pipe?*  
Assets Covered P-0831 Renewal  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

77. Question Result, ID, NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))  
References

Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*

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Result Notes No such event occurred, or condition existed, in the scope of inspection review.

## TD.ICCG: Internal Corrosion - Corrosive Gas

78. Question Result, ID, NA, TD.ICCG.CORRGAS.R, 192.491(c) (192.475(a))  
References

Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

79. Question Result, ID, NA, TD.ICCG.CORRGASACTION.R, 192.491(c) (192.477)  
References

Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*

Assets Covered P-0831 Renewal

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

## TQ.PROT9: OQ Protocol 9

80. Question Result, ID, NA, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))  
References

Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's processes or operator approved contractor processes.*

Assets Covered P-0831 Renewal

Result Notes No such activity/condition was observed during the inspection.

81. Question Result, ID, NA, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))  
References

Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*

Assets Covered P-0831 Renewal

Result Notes No such activity/condition was observed during the inspection.

82. Question Result, ID, NA, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))  
References

Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*

Assets Covered P-0831 Renewal

Result Notes No such activity/condition was observed during the inspection.

83. Question Result, ID, NA, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))  
References

Question Text *Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

Assets Covered P-0831 Renewal

Result Notes No such activity/condition was observed during the inspection.

## TQ.OQ: Operator Qualification

84. Question Result, ID, NA, TQ.OQ.RECORDS.R, 192.807  
References

Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*

Assets Covered P-0831 Renewal

Result Notes No such activity/condition was observed during the inspection.

## TQ.TR: Training of Personnel

85. Question Result, ID, Sat, TQ.TR.TRAINING.R, 192.615(b)(2) (192.807(a), 192.807(b))  
References

Question Text *Is training for emergency response personnel documented?*

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