

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 9/11/2014, 9/12/2014</b>	Man Days: 2
<b>Inspection Unit: Johnston City Storage</b>	
<b>Location of Audit: Johnston City</b>	
<b>Exit Meeting Contact: Joe Orsa</b>	
<b>Inspection Type: Standard Inspection - Record Audit</b>	
<b>Pipeline Safety Representative(s): Charles Gribbins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

<b>Headquarters Address Information:</b>	300 Liberty Peoria, IL 61602 Emergency Phone#: (800) 755-5000 Fax#:	
<b>Official or Mayor's Name:</b>	Ron Pate Phone#: (217) 424-6518 Email:	
<b>Inspection Contact(s)</b>	<b>Title</b>	<b>Phone No.</b>
Joe Orsa	Quality Assurance Consultant	(618) 578-9731
Keil Peebles	Crew Leader	(618) 534-2097
Tim Blackburn	Gas Utility Storage	

Gas System Operations	Status
Gas Transporter	Trunkline
Miles of Main	5930 feet of pipe
Confirm Operator's Potential Impact Radius Calculations	see comment
<b><u>General Comment:</u></b>	
3.5" PIR 69.78' 4.5" PIR 89.72' 6.625" PIR 132.09'	
Annual Report (Form 7100.2.1) reviewed for the year:	Not Checked

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>The Annual Report was reviewed at the Pawnee Training Center February 18-20-2014</i>		
Regulatory Reporting Records		Status
[191.5]	Were Telephonic Notices of Incidents reported to the NRC (800-424-8802)?	Not Applicable
<b><u>General Comment:</u></b>		
<i>No incidents occurred in the storage field the required reporting per Part 191 requirements.</i>		
[191.15(a)]	Was a DOT Incident Report Form F7100.2 submitted within 30 days after detection of an incident?	Not Applicable
<b><u>General Comment:</u></b>		
<i>No incident reports were required to be submitted in 2013</i>		
[191.15(b)]	Were there any supplemental incident reports when deemed necessary?	Not Applicable
<b><u>General Comment:</u></b>		
<i>No supplemental incident reports were required to be submitted in 2013</i>		
[191.23(a)]	Did the operator report Safety Related Conditions?	Not Applicable
<b><u>General Comment:</u></b>		
<i>No safety related condition reports were required in 2013</i>		
[191.25]	Did the Operator file a Safety Related Condition Report within 5 working days of determination, but not later than 10 working days after discovery?	Not Applicable
<b><u>General Comment:</u></b>		
<i>No safety related conditions reports were required in 2013</i>		
[192.16(c)]	Customer Notification: Has the operator notified each customer after the customer first receives gas at a particular location?	Not Applicable
<b><u>General Comment:</u></b>		
<i>Customer notification is not applicable as no customers are supplied by the storage field.</i>		
DRUG TESTING		Status
<b><u>Category Comment:</u></b>		
<i>The Ameren Drug and Alcohol plan was not reviewed as part of this inspection. The plan was reviewed by the ICC earlier in 2012 during a separate audit. Staff did confirm the Ameren Drug and Alcohol Program information / Policy was posted at the Johnston City Storage Field Office as was the Employee Assistance Program (EAP) number. Supervisor training records for determining if an employee is showing signs of unauthorized use of drugs or alcohol were also reviewed with no issues identified.</i>		
Refer to Drug and Alcohol Inspection Forms and Protocols		Not Checked

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>TEST REQUIREMENTS</b>		<b>Status</b>
[192.517(a)][192.505,192.507,192.509,192.511(c)]	Are pressure test records being maintained for piping operating above 100 psig?	<b>Not Applicable</b>
<b>General Comment:</b> <i>No piping was installed in the storage field in 2013 that would have required pressure testing.</i>		
[192.517(b)][192.511,192.509,192.513]	Are pressure test records being maintained for at least 5 years on piping operating below 100 psig?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There was no piping installed in the storage field in 2013 that operates under 100 psig.</i>		
<b>UPRATING</b>		<b>Status</b>
<b>Category Comment:</b> <i>No uprating was performed in the Johnston City Storage Field in 2013.</i>		
[192.555][192.555]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of 30% or more SMYS?	<b>Not Applicable</b>
[192.557][192.557]	Has the operator maintained documentation of uprating activities when uprating a pipe to a pressure that will produce a hoop stress of less than 30% SMYS?	<b>Not Applicable</b>
<b>OPERATIONS</b>		<b>Status</b>
[192.603(b)][192.605(a)]	Has the operator conducted a review of the Operations and Maintenance Manual once per yr/15 months?	<b>Satisfactory</b>
<b>General Comment:</b> <i>In April 2013 a review was conducted of significant changes to the O&amp;M Plan for Illinois.</i>		
Has the operator conducted a review of the Operator Qualification Plan once per yr/15 months?		<b>Not Checked</b>
<b>General Comment:</b> <i>The OQ Plan was reviewed at the Pawnee Training Center on February 19, 2013.</i>		
[192.603(b)][192.605(b)(3)]	Are construction records, maps, and operating history available to operating personnel?	<b>Satisfactory</b>
[192.603(b)][192.605(b)(8)]	Has the operator periodically reviewed personnel's work to determine the effectiveness of normal O&M procedures when deficiencies are found?	<b>Satisfactory</b>
<b>General Comment:</b> <i>No deficiencies were identified in the storage field procedure in 2013. Storage field personnel are included in the Ameren Quality Assessment Program.</i>		
[192.603(b)][192.605(c)(1)(i)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of unintended closure of valves or shutdowns?	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>The operator responded to a low suction alarm and reset and restarted the compressor.</i>		
[192.603(b)][192.605(c)(1)(ii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of increase or decrease in pressure or flow rate outside normal operating limits?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The operator responded to several instances where the pressure had dropped and set off the low pressure alarm and shut down the compressor.</i>		
[192.603(b)][192.605(c)(1)(iii)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of loss of communications?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The records do not indicate that the operator had any loss of communications during the 2013 year...</i>		
[192.603(b)][192.605(c)(1)(iv)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of operation of any safety device?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Alarms that were received were responded to in a timely manner and corrective actions were taken.</i>		
[192.603(b)][192.605(c)(1)(v)]	Does the operator maintain documentation for responding to, investigating, and correcting the cause of any other foreseeable malfunction of a component, deviation from normal operation, or personnel error which may result in a hazard to persons or property?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>A majority of the abnormal operation alarms were to low pressure alarms.</i>		
[192.603(b)][192.605(c)(2)]	Does the operator maintain documentation of checking variations from normal operation after abnormal operation has ended at sufficient critical locations in the system to determine continued integrity and safe operation?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>No issues were identified after making corrective actions.</i>		
[192.603(b)][192.605(c)(3)]	Does the operator maintain documentation of notifying responsible operator personnel when notice of an abnormal operation is received?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Ameren maintains documentation of notification received and the correction actions taken.</i>		
[192.603(b)][192.605(c)(4)]	Does the operator maintain documentation for periodically reviewing the response of operator personnel to determine	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	the effectiveness of the procedures controlling abnormal operation and taking corrective action where deficiencies are found?	
<b>General Comment:</b>		
Staff reviewed the actions taken during periods of abnormal operations and no deficiencies were identified 2013.		
[192.603(b)][192.619,192.621,192.623]	Is the operator maintaining documentation verifying their Maximum Allowable Operating Pressure(s)? (MAOP)	<b>Satisfactory</b>
<b>General Comment:</b>		
Decatur Engineering maintains the documentation regarding the system MAOP. Maps are utilized to record the current MAOP of piping in the Storage Fields. Engineering established the pressure at which new piping shall be tested for new installations and to ensure the current MAOP is maintained. Staff did review documentation that the Johnston City Storage had on file.		
<b>CONTINUING SURVEILLANCE RECORDS</b>		<b>Status</b>
[192.709(c)][192.613(a)]	Has the operator reviewed continuing surveillance records for class location changes, failures, leak history, corrosion, changes in cathodic protection, and other unusual operating and maintenance conditions?	<b>Satisfactory</b>
<b>General Comment:</b>		
Class location surveys are performed by the Transmission Integrity Group. These records were reviewed during the Transmission Integrity Department audit. Staff reviewed the pipeline patrol records provided by the operator at Johnston City Storage.		
<b>CLASS LOCATION CHANGE</b>		<b>Status</b>
[192.709(c)][192.609]	Does the operator maintain documentation when the class location changes for a segment of pipe operating at a hoop stress that is more than 40% SMYS?	<b>Satisfactory</b>
<b>General Comment:</b>		
No class location changes occurred in 2013 at Johnston City Storage.		
<b>QUALIFICATION OF PIPELINE PERSONNEL</b>		<b>Status</b>
Refer to operator Qualification Inspection Forms and Protocols		<b>Not Checked</b>
<b>General Comment:</b>		
Operator Qualification Plan was not reviewed during this Audit. The OQ Plan was reviewed at the Pawnee Training Center on February 19, 2014		
<b>DAMAGE PREVENTION RECORDS</b>		<b>Status</b>
<b>Category Comment:</b>		
Locates for the Johnston City Storage Field are performed by contract locators. These records are maintained by the Belleville Damage Prevention Group and are reviewed during a separate audit. There were no damages on the storage field piping to third party damage.		
[192.709(c)][191.17(a)]	Did the operator track the number of damages per 1000 locate requests for the previous years?	<b>Not Checked</b>
Has the number of damages increased or decreased from prior year?		<b>Not Checked</b>
[192.709(c)][192.617]	Does the operator track records of accidents due to excavation damage to ensure causes of failures are	<b>Not Checked</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	addressed to minimize the recurrence?	
[192.709(c)][192.614(c)(3)]	Does the operator provide documentation pertaining to notification of excavation, marking, positive response, and the availability and use of the one call system?	<b>Not Checked</b>
Does the operator have a Quality Assurance Program in place for monitoring the locating and marking of facilities?		<b>Not Checked</b>
Do pipeline operators include performance measures in facility locating contracts?		<b>Not Checked</b>
[IL ADM. CO.265.100(b)(1)]	Was third party damage to mains involving a release of gas reported to ICC JULIE Enforcement? <a href="http://www.icc.illinois.gov/julie/">http://www.icc.illinois.gov/julie/</a>	<b>Not Checked</b>
Has the Operator adopted applicable section of the Common Ground Alliance Best Practices?		<b>Not Checked</b>
If no, were Common Ground Alliance Best Practices discussed with Operator?		<b>Not Checked</b>
<b>EMERGENCY PLANS</b>		<b>Status</b>
[192.603(b)][192.615(b)(1)]	Are supervisors, responsible for emergency action, furnished copies of the latest edition of the Emergency Plan?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Supervisors are supplied with a current copy of the Emergency Plan and it is available on line.</i>		
[192.603(b)][192.615(b)(2)]	Has the operator maintained documentation that the appropriate operating personnel have received training to assure they are knowledgeable of emergency procedures and that the training was effective?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Staff reviewed documentation of the operators training. (Ameren Operator Qualification Employee Summary Sheet)</i>		
[192.603(b)][192.615(b)(3)]	Has the operator maintained documentation of employee activity reviews to determine whether the procedures were effectively followed in each emergency?	<b>Not Applicable</b>
<b>General Comment:</b> <i>No reviews of employee's activities were required due to no emergencies have occurred in 2013.</i>		
[192.603(b)][192.615(c)]	Has the operator maintained documentation that the operator established and maintained liaison with appropriate fire, police and other public officials?	<b>Not Checked</b>
<b>General Comment:</b> <i>These records are maintained by the Public Awareness Program Administrator located at the Pawnee Training Center. These records are reviewed during the Public Awareness plan record review and were not check during this audit. The PA Plan was reviewed on February 20, 2014.</i>		
[192.603(b)][192.615(a)(3)]	Did the review of emergency response time intervals regarding odor/leak complaint documentation indicate adequate emergency response intervals were achieved?	<b>Not Applicable</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>No reports of gas leaks were received by Johnston City Storage in 2013.</i>		
[192.603(b)][192.615(a)(11)]	Has the operator maintained documentation of actions that were required to be taken by a controller during and emergency?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>This information is maintained on the Johnston City Abnormal Operation Log for 2013.</i>		
<b>PUBLIC AWARENESS PROGRAM - RECORDS</b>		<b>Status</b>
Refer to Public Awareness Program Inspection Forms and Protocols		<b>Not Checked</b>
<b><u>General Comment:</u></b>		
<i>The Public Awareness plan was reviewed at the Pawnee Training Center, on February 20, 2014</i>		
<b>ODORIZATION OF GAS</b>		<b>Status</b>
[192.709(c)][192.625(f)]	Where required, has the operator maintained documentation of odorant concentration level testing?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Odorometer tests are performed using an odormeter and the records are maintained and reviewed during the local service area record audits.</i>		
[192.709(c)][192.625(e)]	Where required, has the operator maintained documentation of odorizer tank levels?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Odorizer tank levels were maintained as required. This information is maintained on Monthly Odorization Report.</i>		
<b>PATROLLING &amp; LEAKAGE SURVEY</b>		<b>Status</b>
[192.709(c)][192.705]	Does the operator maintain documentation of a patrol program as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The Johnston City Storage Field patrolling was done as required. They do two different patrols, Once per year per class one location and twice per year at crossings</i>		
[192.709(c)][192.706]	Does the operator maintain documentation of leakage survey(s) performed on a transmission pipeline?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Staff reviewed paper documents and leak survey maps of the transmission system. The leak survey was conducted once each year using a Flame Ionization Unit.</i>		
<b>ABANDONMENT or DEACTIVATION of FACILITIES PROCEDURES</b>		<b>Status</b>
[192.603(b)][192.727(b)]	Did the operator maintain documentation demonstrating	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	that each pipeline abandoned in place was disconnected from all sources and supplies of gas, and purged of gas?	
<b>General Comment:</b>		
<i>Staff reviewed documentation that indicated that a segment from the tie-in to the Belle Gent Well was cut off and abandoned and was added to this leak survey. Survey Name BEL049GP</i>		
[192.603(b)][192.727(c)]	Did the operator maintain documentation demonstrating that each inactive pipeline that is not being maintained under this part was disconnected from all sources and supplies of gas; purged of gas?	<b>Satisfactory</b>
[192.603(b)][192.727(e)]	Did the operator maintain documentation when air was used for purging that a combustible mixture was not present after purging?	<b>Not Applicable</b>
<b>General Comment:</b>		
<i>The operator did not purge any pipelines in 2013</i>		
[192.727(g)][192.727(g)]	Did the operator maintain documentation for each abandoned onshore pipeline facility that crosses over, under or through a commercially navigable waterway?	<b>Not Applicable</b>
<b>General Comment:</b>		
<i>There is no navigable waterways in the area.</i>		
<b>COMPRESSOR STATION</b>		<b>Status</b>
[192.709(c)][192.731(a)]	Has the operator maintained documentation of the compressor station relief devices at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>Discharge Relief Valve was inspected on 4/2/13</i>		
[192.709(c)][192.731(c)]	Has the operator maintained documentation compressor station emergency shutdown at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>The Emergency Shutdown ESD System was conducted on 4-2-13</i>		
[192.709(c)][192.736(c)]	Has the operator maintained documentation of the compressor stations – detection and alarms?	<b>Satisfactory</b>
<b>General Comment:</b>		
<i>This information is logged on the following form Storage Field Compressor Critical Alarms. March of 2013</i>		
<b>PRESSURE LIMITING AND REGULATION</b>		<b>Status</b>
[192.709(c)][192.739(a)]	Is the operator inspecting and testing the pressure limiting and regulating stations at a minimum of 1 per year/15 months?	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>Relief were inspected as required. There are no regulators utilized for pressure regulation at Johnston City Storage. The flow controller utilized at Johnston City storage.</i>		
[192.709(c)][192.743(a)]	Is the operator inspecting pressure limiting and regulating stations for adequate capacity at a minimum of 1 per year/15 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>Only reliefs were required to be inspected in 2011. There are no pressure regulators in the station utilized to control pressure within the station.</i>		
[192.709(c)][192.743(b)]	If the operator used calculations to determine sufficient capacity, were the calculation reviews documented at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Ameren has capacity calculations for the reliefs in the system.</i>		
[192.709(c)][192.743(a), 192.743(b), 192.195(b)(2)]	Is overpressure protection provided by the supplier pipeline downstream of the take point?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>This requirement is not applicable to the Johnston City Storage field as gas being stored is received through the Ameren Transmission System and not directly from a supplier.</i>		
[192.709(c)][192.743(a)]	If Yes, does the operator have documentation to verify that these devices have adequate capacity?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>This requirement is not applicable to the Johnston City Storage field as gas being stored is received through the Ameren Transmission System and not directly from a supplier.</i>		
<b>VALVE MAINTENANCE</b>		<b>Status</b>
[192.709(c)][192.745(a), 192.745(b)]	Did the operator inspect and partially operate transmission valves that might be required during any emergency at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Valves associated with the storage field were inspected as required.</i>		
[192.709(c)][192.749]	Did the operator inspect and maintain vaults > 200 cubic feet at a minimum of 1 per year/15 months?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There are no vaults in the transmission system that meets the 200 Cubic foot requirements.</i>		
[192.709(c)][192.179]	Are transmission line valves being installed as required of 192.179?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There have not been any new valves installed in the Transmission System in 2013.</i>		

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.709(b)][192.745(b)]	Did the operator take prompt remedial action to correct any valve found inoperable, unless an alternative valve was designated?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There were not any valves found inoperable in the Johnston City Storage Field.</i>		
<b>Investigation Of Failures</b>		<b>Status</b>
[192.709(c)][192.617]	Did the operator experience accidents or failures requiring analysis?	<b>Not Applicable</b>
<b>General Comment:</b> <i>No failures occurred in Johnston City Storage field that required analysis.</i>		
<b>WELDING OF STEEL PIPE</b>		<b>Status</b>
[192.603(b)][192.225(b)]	Does the operator have documentation for their qualified welding procedure?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Staff reviewed the operators qualified welding procedures.</i>		
[192.603(b)][192.227,192.229]	Does the operator have documentation of welder qualification documentation as required?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Staff reviewed the welder qualification for Keil Peebles, and Tim Blackburn twice annually.</i>		
[192.807]	Does the operator have documentation of welder OQ records?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Staff reviewed the following forms for OQ Ameren Operator Qualification Employee Summary Sheet.</i>		
[192.709][192.243(b)(2)]	Does the operator have documentation of NDT personnel qualification as required?	<b>Not Applicable</b>
<b>General Comment:</b> <i>The operator did not have any projects in 2013 that required NDT to be performed.</i>		
[192.709][192.243(f)]	Does the operator have documentation of NDT testing performed?	<b>Not Applicable</b>
<b>General Comment:</b> <i>The operator did not have any projects in 2013 that required NDT to be performed.</i>		
<b>CORROSION CONTROL RECORDS</b>		<b>Status</b>
[192.491(a)][192.491(a)]	Has the operator maintained maps or records of cathodically protected piping, cathodic protection facilities,	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

	galvanic anodes, and neighboring structures bonded to the cathodic protection system	
[192.491][192.459]	Has the operator maintained documentation of examination when buried pipe was exposed?	<b>Satisfactory</b>
<b>General Comment:</b> <i>The operator personnel stated that they did not expose any pipelines in 2013.</i>		
[192.491][192.465(a)]	Has the operator maintained documentation of annual pipe-to-soil monitoring performed at a minimum of 1 per yr/15 months and/or isolated services or short sections of main less than 100 feet at a minimum of 10% annually?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Staff reviewed computer records and paper records for pipe to soil readings, after the review staff determined that the reading were being performed at a minimum once per year not exceeding 15 months. Staff reviewed the test points for Johnston City Storage. No issues were observed.</i>		
[192.491][192.465(b)]	Has the operator maintained documentation of rectifier or other impressed current power sources inspections at a minimum of 6 per year/ 2 1/2 months?	<b>Satisfactory</b>
<b>General Comment:</b> <i>Paper and computers records were reviewed and inspections were found to have been completed as required.</i>		
[192.491][192.465(c)]	Has the operator maintained documentation of each critical interference bond, reverse current switch, diode, etc. inspections at a minimum of 6 per year/ 2 1/2 months and/or non-critical interference bond inspections at a minimum of 1 per year/15 months?	<b>Satisfactory</b>
<b>General Comment:</b> <i>There are 10 non-critical bonds in the Johnston City Storage all were found to have meet the minimum inspection requirements of once each year not exceeding 15 months.</i>		
[192.491][192.465(d)]	Has the operator taken prompt remedial actions to correct any deficiencies indicated by the monitoring?	<b>Satisfactory</b>
<b>General Comment:</b> <i>There was no corrective actions required in 2013 due to no down/low readings.</i>		
[192.491][192.465(e)]	Has the operator maintained documentation of unprotected pipeline surveys, inspections, or tests at a minimum of 3 years/39 months?	<b>Not Applicable</b>
<b>General Comment:</b> <i>There is no unprotected pipelines in the transmission system.</i>		
[192.491][192.467(a),192.467(c),192.467(d)]	Has the operator maintained documentation of inspections or tests for electrical isolation including casings?	<b>Satisfactory</b>
<b>General Comment:</b> <i>There were six casing in the storage field and all tests were completed as required.</i>		

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

[192.491][192.469]	Does the operator have a sufficient number of test stations or other contact points for electrical measurement to determine the adequacy of cathodic protection?	<b>Satisfactory</b>
[192.491][192.471]	Has the operator maintained documentation of corrective actions taken when a test lead is no longer electrically conductive?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>The operator has not experienced any test lead failures in 2013.</i>		
[192.491][192.473(b)]	Has the operator maintained documentation of inspections or tests to assure their cathodic protection system is not affecting adjacent underground metallic structures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>There are no other underground metallic structures in the area of the Transmission System.</i>		
[192.491][192.475(a)]	Has the operator maintained documentation of investigations or steps taken to minimize internal corrosion due to transportation of corrosive gas?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Gas sampling is performed using a gas chromatograph to analyze the gas quality at Johnston City Gas.</i>		
[192.491][192.475(b)]	Has the operator maintained documentation of internal surface inspections performed when pipe is removed for any reason?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Internal pipe inspections will be performed when piping is removed or abandoned. No pipe was removed in 2013.</i>		
[192.491]	Has the operator maintained documentation of written procedures supported by as-built drawings or other construction records?	<b>Satisfactory</b>
[192.491][192.477]	Has the operator maintained documentation of internal corrosion coupon monitoring at a minimum of 2 per year/ 7 1/2 months?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Coupon testing was performed twice annually as required. The results are maintained at the engineering office in Decatur Office.</i>		
[192.491][192.479]	Has the operator maintained documentation of corrective action where atmospheric corrosion was discovered?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>No issues were identified during the 2013 atmospheric corrosion survey.</i>		
[192.491][192.481]	Has the operator maintained documentation of atmospheric corrosion control monitoring at a minimum of 1 per 3 years/ 39 months?	<b>Satisfactory</b>

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.

If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b><u>General Comment:</u></b>		
<i>The operator conducts atmospheric corrosion inspected every year during the leakage survey 2013 inspection year.</i>		
[192.491][192.483(a),192.483(b),192.483(c)]	Has the operator maintained documentation demonstrating that pipe removed due to external corrosion has been repaired or replaced with pipe that was coated and cathodically protected?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>No transmission gas piping has been removed due to external corrosion in 2013.</i>		
<b>TRAINING - 83 IL ADM. CODE 520</b>		<b>Status</b>
[520.10(a) (1)]	Has the operator maintained documentation demonstrating that personnel have received adequate training?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>These records are kept on Company computer " Insight"</i>		
[520.10(a) (2)]	Do training records include verbal instruction and/or on the job training for each job classification?	<b>Satisfactory</b>
[520.10(b)]	Has the municipal operator maintained documentation demonstrating that personnel have received adequate training?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>This is a requirement for municipal operators only and is not applicable to this operator.</i>		
[520.10(a)(5)]	Are procedures periodically updated to include new materials, new methods of operation and installation, and changes in general procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>No new procedures were incorporated in 2013 for the Johnston City Storage Facility.</i>		

# STANDARD INSPECTION REPORT OF A GAS TRANSMISSION PIPELINE RECORD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.