



U.S. Department  
of Transportation  
**Pipeline and Hazardous  
Materials Safety  
Administration**

1200 New Jersey Avenue, SE  
Washington, DC 20590

**AMENDED CORRECTIVE ACTION ORDER  
ISSUED WITHOUT PRIOR NOTICE**

**VIA ELECTRONIC MAIL TO: [william.yardley@enbridge.com](mailto:william.yardley@enbridge.com)**

Mr. William T. Yardley  
Executive Vice President and President  
Gas Transmission and Midstream  
Enbridge, Inc.  
5400 Westheimer Court  
Houston, Texas 77056

**Re: CPF No. 2-2019-1002H**

Dear Mr. Yardley:

Enclosed is an Amended Corrective Action Order issued in the above-referenced case to your subsidiary, Texas Eastern Transmission, LP. It requires certain corrective actions that need to be taken with respect to Line 15, which failed on August 1, 2019, near Danville, Kentucky. Service of the Amended Corrective Action Order by electronic mail is deemed complete upon transmission and acknowledgement of receipt, or as otherwise provided under 49 C.F.R. § 190.5. The terms and conditions of this Amended Order are effective upon completion of service.

Thank you for your cooperation in this matter.

Sincerely,

Alan K. Mayberry  
Associate Administrator  
for Pipeline Safety

Enclosure

cc: Ms. Linda Daugherty, Deputy Associate Administrator for Field Operations, Office of Pipeline Safety, PHMSA  
Mr. James Urisko, Director, Southern Region, Office of Pipeline Safety, PHMSA  
Mr. Rick Kivela, Manager, Operational Compliance, Enbridge, [rick.kivela@enbridge.com](mailto:rick.kivela@enbridge.com)  
Ms. Catherine Little, Counsel, Troutman Sanders, LLP, [catherine.little@troutman.com](mailto:catherine.little@troutman.com)

**CONFIRMATION OF RECEIPT REQUESTED**

**U.S. DEPARTMENT OF TRANSPORTATION  
PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION  
OFFICE OF PIPELINE SAFETY  
WASHINGTON, D.C. 20590**

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**In the Matter of**

**Texas Eastern Transmission, LP,  
a subsidiary of Enbridge, Inc.,**

**Respondent.**

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**CPF No. 2-2019-1002H**

**AMENDED CORRECTIVE ACTION ORDER**

**Purpose and Background:**

This Amended Corrective Action Order (Amended Order) is being issued under the authority of 49 U.S.C. § 60112, to require Texas Eastern Transmission, LP (TETLP or Respondent), to take the necessary corrective action to protect the public, property, and the environment from potential hazards associated with the recent gas transmission pipeline failure on TETLP's 30-inch Line 15 near Danville, Kentucky (Failure).

On August 1, 2019, an incident occurred on Line 15, resulting in the release of approximately 66 million cubic feet of natural gas, which ignited and resulted in the death of one person and the hospitalization of six others. The resulting fire also destroyed multiple structures and burned vegetation over approximately 30 acres of land. Pursuant to 49 U.S.C. § 60117, the Pipeline and Hazardous Materials Safety Administration (PHMSA), Office of Pipeline Safety (OPS), initiated an investigation of the accident. The National Transportation Safety Board (NTSB) is now leading the investigation.

On August 8, 2019, PHMSA issued a Corrective Action Order to TETLP requiring it to take certain corrective actions with respect to Line 15 and the adjacent Lines 10 and 25.

The purpose of these amendments is to update the terms of the Order to address actions taken by TETLP in response to the August 8 Corrective Action Order.

The amended preliminary findings of PHMSA's ongoing investigation are as follows:

**Amended Preliminary Findings:**

- TETLP is a wholly-owned subsidiary of Spectra Energy Partners, LP, which is, in turn, a wholly-owned subsidiary of Enbridge, Inc. (Enbridge), which is based in Calgary,

Alberta, Canada.<sup>1</sup> TETLP operates an approximately 9,100-mile pipeline system, transporting natural gas from the northeastern United States to the Gulf Coast Region.

- TETLP's system transports natural gas to and through Texas, Louisiana, the Gulf of Mexico, Mississippi, Arkansas, Missouri, Tennessee, Illinois, Indiana, Kentucky, Ohio, Pennsylvania, New Jersey, and New York.
- The failed pipeline (Line 15 or Affected Segment) is a component of the above-referenced TETLP system. It is a 775-mile long, 30-inch diameter, bi-directional pipeline that transports natural gas between Kosciusko, Mississippi and Uniontown, Pennsylvania. Line 15 is one of three parallel TETLP pipelines running in a common corridor near the site of the Failure. The other two TETLP pipelines are the 30-inch Line 10 and the 30/36-inch Line 25. At the Failure Site, Line 15 is the middle of the three pipelines. The Failure occurred near MP 423.4, approximately 4.5 miles south of Danville, Kentucky (Failure Site), on the Danville to Tompkinsville portion of the Affected Segment.
- Line 15 was constructed beginning in 1957. The portion of Line 15 at the Failure Site consists of 0.375-inch wall thickness, American Petroleum Institute X-52 grade pipe, manufactured by A.O. Smith using flash welding, and is coated with coal tar enamel. The line is cathodically protected with impressed current.
- Line 15 is a bi-directional pipeline. The line originally flowed south-to-north, with an MAOP of 1000 psig, established as 76.92 percent of the specified minimum yield strength (SMYS) of Line 15. In 2014, TETLP reversed the flow to north-to-south, and the MAOP was reestablished as 936 psig, or 72 percent of the SMYS, commensurate with 49 C.F.R. § 192.105. At the time of the Failure, Line 15 was flowing north-to-south and was operating at 925 psig.
- It is estimated that approximately 66 million cubic feet of natural gas was released by the Failure.
- The Failure occurred at approximately 1:24 a.m. EDT. At approximately 1:25 am, Enbridge's Gas Control in Houston, Texas, received a rate of change alarm on Line 15 on the south side of Danville Compressor Station and during the ensuing minutes, received reports from the public of a fire in the area south of Danville Compressor Station. A Danville Compressor Station operator also received a rate of change alarm and observed the rupture fire from the window of the compressor station control room. During the ensuing minutes, other Enbridge employees confirmed the reported fire, indicating the failure of Line 15.
- TETLP's Danville Compressor Station personnel closed the Line 15 discharge valve located north of the Failure Site. TETLP field personnel responded by closing the Line 15 Main Line Block Valve located at Valve Site #4 (MP 408.48), located south of the

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<sup>1</sup> Enbridge, Inc. website, *available at*

<https://www.enbridge.com/~media/Enb/Documents/Investor%20Relations/Texas%20Eastern%20Transmission/TE TLP%20Q1%202019%20Financial%20Statements%20-%20Final.pdf?la=en> (last accessed April 22, 2020).

Failure Site. Following confirmation of the Failure, Enbridge further isolated a portion (Isolated Segment) of the Affected Segment by closing Valve 15-382 at MP 408.48 and Valve 15-393 at the Danville Compressor Station near MP 427.5. Enbridge also shut down and shut in Lines 10 and 25, which are blocked in between the Danville Compressor Station and the Tompkinsville Compressor Station.

- The Failure resulted in the ejection of an approximately 30-foot long section of Line 15, which landed approximately 481 feet from the Failure Site. Additionally, the Failure resulted in a 43-foot long, 30-foot wide, 10-foot deep crater at the Failure Site. Gas released from the Failure ignited, causing a fire that resulted in the death of one person, the hospitalization of six people, and the destruction of several nearby homes and other structures. Railroad tracks operated by Norfolk Southern Corporation (NSC) were also damaged by the fire. NSC temporarily suspended rail service through the area. The fire also scorched or burned approximately 30 acres of land, resulting in numerous burned trees and grass.
- Fire fighters from the Lincoln County were the first responders to arrive at the Failure Site. Other local fire departments responded to this event and evacuated approximately 75 people from the nearby Indian Camp subdivision. Casey County emergency medical services transported one injured person to Ephraim McDowell emergency medical center and Boyle County emergency medical services transported two injured persons to the same emergency medical center. Other injured persons were self-transported to medical centers.
- The Affected Segment contains 33.2 feet of A.O. Smith-manufactured pipe of similar vintage and type to the pipe involved in the Failure. The origin of the Failure was identified and the specimen pipe is under control of the NTSB. NTSB and PHMSA investigators collected information related to potential causal factors and circumstances that may have led to the Failure. The NTSB will conduct a metallurgical investigation to determine the exact cause.
- Lines 10 and 25 run on either side of Line 15 in the immediate vicinity of the Failure Site. The possibility of damage to Lines 10 and 25 from the concussive force of the Failure or of thermal damage from the resulting fire was evaluated and determined to have no impact on these lines.
- Following TETLP's analysis, PHMSA approved a return to MAOP for Lines 10 and 25 on August 30, 2019, and August 23, 2019, respectively.
- On November 2, 2003, Line 15 failed at MP 501.72 near Morehead, Kentucky, between the Danville Compressor Station and the Owingsville Compressor Station to the north of the Danville Compressor Station. The 2003 failure also occurred on A.O. Smith-manufactured pipe, and resulted from interactions between hard spots and mid-wall lamination, and in PHMSA's predecessor agency issuing a Corrective Action Order to TETLP's predecessor entity on November 6, 2003, in CPF 2-2003-1018H.

- TETLP reported that it performed an in-line inspection (ILI) to detect hard spots on Line 15 in 2011. The company also reported that it ran an ILI with a magnetic flux leakage tool in 2018 and an ILI with a dent and inertial measurement unit tool in 2019. The 2018 tool data indicated a small dent with metal loss that did not require action under federal pipeline safety regulations or TETLP's procedures.
- The 2011 hard spot in-line inspection of Line 15 resulted in no evidence of hard spot indications. A 2019 post-incident review of the same hard spot in-line inspection data revealed ten hard spots located in the failed pipe joint. Further analysis revealed the location of the Line 15 failure origin coincided with the locations of two newly discovered hard spot indications.

### **Determination of Necessity for Amended Corrective Action Order and Right to Hearing:**

Section 60112 of Title 49, United States Code, provides for the issuance of a Corrective Action Order, after reasonable notice and the opportunity for a hearing, requiring corrective action, which may include the suspended or restricted use of a pipeline facility, physical inspection, testing, repair, replacement, or other action, as appropriate. The basis for making the determination that a pipeline facility is or would be hazardous and requiring corrective action, is set forth both in the above-referenced statute and 49 C.F.R. § 190.233.

Section 60112 and the regulations promulgated thereunder provide for the issuance of a Corrective Action Order, without prior notice and opportunity for hearing, upon a finding that failure to issue the Order expeditiously would result in the likelihood of serious harm to life, property, or the environment. In such cases, an opportunity for a hearing and expedited review will be provided as soon as practicable after the issuance of the Order.

After evaluating the foregoing preliminary findings of fact, I find that continued operation of the Affected Segment without corrective measures is or would be hazardous to life, property, or the environment. In addition, having considered the uncertainties of the cause of the Failure, the pressure at which gas is transported, the vintage and type of pipe, the risk of fire to the environment and populated areas in the vicinity of the Affected Segment, I find that a failure to issue this Order expeditiously to require immediate corrective action would result in the likelihood of serious harm to life, property, or the environment.

Accordingly, this Amended Order mandating immediate corrective action is issued without prior notice and opportunity for a hearing. The terms and conditions of this Amended Order are effective upon receipt.

Within 10 days of receipt of this Amended Order, Respondent may contest its issuance and obtain expedited review either by answering in writing or requesting a hearing under 49 C.F.R. § 190.211, to be held as soon as practicable under the terms of such regulation, by notifying the Associate Administrator for Pipeline Safety in writing, with a copy to the Director, Southern Region, PHMSA (Region Director). If Respondent requests a hearing, it will be held telephonically or in-person in Atlanta, Georgia, or Washington, D.C, unless a different location is expressly agreed-to in writing by the Director.

**After receiving and analyzing additional data in the course of this investigation, PHMSA may identify other corrective measures that need to be taken on the Affected Segment or other pipelines in the TETLP system.** In that event, PHMSA will notify Respondent of any additional measures that are required and a further Amended Order will be issued, if necessary. To the extent consistent with safety, Respondent will be afforded notice and an opportunity for a hearing prior to the imposition of any additional corrective measures.

**Required Corrective Actions:**

**Definitions:**

***Affected Segment*** means the approximately 775-mile long, 30-inch diameter Line 15 that transports natural gas between Kosciusko, Mississippi and Uniontown, Pennsylvania.

***Isolated Segment*** means the approximately 19 miles of the Affected Segment between the Danville Compressor Station at MP 427.5 and Valve 15-382 at MP 408.48. It is the portion of the Affected Segment that was shut-in after the Failure on August 1, 2019, by closing main-line valves upstream and downstream of the Failure Site and that remains shut-in as of August 8, 2019.

***Director*** means the Director, Southern Region, Office of Pipeline Safety, PHMSA.

Pursuant to 49 U.S.C. § 60112, I hereby order Texas Eastern Transmission, LP to immediately take the following corrective actions for the Affected Segment:

1. ***Shutdown of Isolated Section.*** Texas Eastern Transmission, LP (TETLP) must not operate the Isolated Segment until authorized to do so by the Director
2. ***Operating Pressure Restriction.*** With respect to the remainder of the Affected Segment not shut down under Item 1, above, TETLP must reduce and maintain a twenty percent (20%) pressure reduction in the actual operating pressure along the entire length of the Affected Segment such that the operating pressure along the Affected Segment will not exceed eighty percent (80%) of the actual operating pressure in effect immediately prior to the Failure.
  - (A) This pressure restriction is to remain in effect until the Director provides written approval for TETLP to either increase the pressure or return the pipeline to its pre-Failure operating pressure. A copy of the TETLP Restart Plan was provided to the Southern Region. After the region's review, approval of the Restart Plan was given to TETLP to return the pipeline to the pre-Failure operating pressure on March 20, 2020.
  - (B) This pressure restriction requires any relevant remote or local alarm limits, software programming set-points or control points, and mechanical over-pressure devices to be adjusted accordingly.

- (C) When determining the pressure restriction set-points, TETLP must take into account any ILI features or anomalies present in the Affected Segment to provide for continued safe operation while further corrective actions are completed.
  - (D) TETLP must review the pressure restriction monthly by analyzing the operating pressure data. TETLP must take into account any ILI features or anomalies present in the Affected Segment and immediately reduce the operating pressure to maintain the safe operations of the Affected Segment, if warranted by the monthly review. TETLP must submit the results of the monthly review to the Director. The results must include, at a minimum, the current discharge set-points (including any additional pressure reductions), and any pressure exceedance at discharge set-points.
3. ***Restart Plan.*** Prior to resuming operation of the Isolated Segment, TETLP developed and submitted a written Restart Plan to the Director. The Director approved the Restart Plan on March 20, 2020.
  4. ***Return to Service.*** The Director approved the Restart Plan on March 20, 2020. TETLP may return the Isolated Segment to service but the operating pressure must not exceed 80 percent of the actual operating pressure in effect immediately prior to the Failure, in accordance with Item 2 above.
  5. ***Removal or Modification of Pressure Restriction.*** The pressure restriction required by the above Items may be removed or modified, as follows:
    - (A) The Director may allow the removal or modification of the pressure restriction upon a written request from TETLP demonstrating that restoring the pipeline to its pre-Failure operating pressure is justified based on a reliable engineering analysis showing that the pressure increase is safe considering all known defects, anomalies, and operating parameters of the pipeline.
    - (B) The Director may allow the temporary removal or modification of the pressure restrictions upon a written request from TETLP demonstrating that temporary mitigative and preventive measures are being implemented prior to and during the temporary removal or modification of the pressure restriction. The Director's determination will be based on the Failure cause and provision of evidence that preventive and mitigative actions taken by TETLP provide for the safe operation of the Affected Segment during the temporary removal or modification of the pressure restriction. Appeals to determinations of the Director in this regard will be decided by the Associate Administrator for Pipeline Safety.
  6. ***Instrumented Leakage Survey.*** Within 180 days of receipt of this Amended Order, TETLP must perform an aerial or ground instrumented leakage survey of the Affected Segment. TETLP must investigate all leak indications and remedy all leaks discovered. TETLP must submit documentation of this survey to the Director within 45 days of the completion of the leak survey.
  7. ***Records Verification.*** As recommended in PHMSA Advisory Bulletin 2012-06, verify the records for the Affected Segment to confirm the maximum allowable operating

pressure (MAOP). The Affected Segment is bi-directional with two different MAOPs. TETLP must confirm the MAOPs for both flow directions. TETLP must submit documentation of this records verification to the Director within 45 days of receipt of this Amended Order.

8. ***Review of Prior ILI Results.*** Within 30 days of receipt of this Amended Order, conduct a review of the previous ILI results of the Affected Segment. TETLP must re-evaluate all ILI results from the past 20 calendar years, include a review of the ILI vendors' raw data and analysis. TETLP must determine whether any features were present in the failed pipe joint and/or any other pipe removed. Also, TETLP must determine if any features are present elsewhere on the Affected Segment. TETLP must submit documentation of this ILI review to the Director within 45 days of receipt of this Amended Order as follows:

- (A) List all ILI tool runs, tool types, and the calendar years of the tool runs.
- (B) List, describe (type, size, wall loss, etc.), and identify the specific location of all ILI features present in the failed joint and/or other pipe removed.
- (C) Explain the process used to review the ILI results and the results of the reevaluation.

TETLP has begun this re-evaluation and has been submitting monthly reports to the Director, along with additional data. The latest report was received on March 11, 2020.

9. ***Mechanical and Metallurgical Testing.*** Mechanical and metallurgical testing, including failure analysis will be performed by the NTSB in accordance with NTSB procedures and protocols. In the event the NTSB does not perform these functions, TETLP will be responsible for completing all testing and analysis. If the NTSB does not perform the analysis, TETLP must submit to the Director for prior approval a plan to complete the testing and analysis.
10. ***Root Cause Failure Analysis.*** The NTSB will perform a root cause failure analysis (RCFA) to determine the cause of the Failure. TETLP must incorporate the findings the NTSB RCFA into its integrity management plan and operations and maintenance manual. If the NTSB does not perform these tasks, TETLP must submit to the Director for prior approval a plan to complete an RCFA.
11. ***Emergency Response Plan and Training Review.*** TETLP must review and assess the effectiveness of its emergency response plan and operational actions with regards to the Failure. TETLP must include in the review and assessment the on-scene response and support, coordination, and communication with emergency responders and public officials. Also, TETLP must include a review and assessment of the effectiveness of its emergency training program. TETLP must amend its emergency response plan and emergency training, if necessary, to reflect the results of this review. The documentation of this Emergency Response Plan and Training Review must be included in the CAO Documentation Report (see Item 14 for description of the CAO Documentation Report).

12. **Public Awareness Program Review.** TETLP must review and assess the effectiveness of its Public Awareness Program with regards to the Failure. TETLP must amend its Public Awareness Program, if necessary, to reflect the results of this review. The documentation of this Public Awareness Program Review must be provided to the Director.

13. **Remedial Work Plan (RWP).**

- (A) TETLP must submit a Remedial Work Plan (RWP) to the Director for approval by August 2, 2020.
- (B) The Director may approve the RWP incrementally without approving the entire RWP.
- (C) Once approved by the Director, the RWP will be incorporated by reference into this Amended Order.
- (D) The RWP must specify the tests, inspections, assessments, evaluations, and remedial measures TETLP will use to verify the integrity of the Affected Segment. The RWP must address all known or suspected factors and causes of the Failure. TETLP should consider both the risks and consequences of another failure arising from the same root cause as the August 1, 2019 Failure to develop a prioritized schedule for RWP related work along the Affected Segment.
- (E) The RWP must include a procedure or process to:
  - i. Identify pipe in the Affected Segment with characteristics similar to the contributing factors identified for the Failure.
  - ii. Gather all data necessary to review the failure history (in service and pressure test failures) of the Affected Segment and to prepare a written report containing all the available information such as the locations, dates, and causes of leaks and failures.
  - iii. Integrate the results and conclusions of the NTSB's metallurgical testing as well as those of the final RCFA, and other corrective actions required by this Amended Order with all relevant pre-existing operational and assessment data for the Affected Segment. Pre-existing operational data includes, but is not limited to, construction, operations, maintenance, testing, repairs, prior metallurgical analyses, and any third-party consultation information. Pre-existing assessment data includes, but is not limited to, ILI tool runs, hydrostatic pressure testing, direct assessments, close interval surveys, and DCVG/ACVG surveys.
  - iv. Determine if conditions similar to those contributing to the Failure are likely to exist elsewhere on the Affected Segment.
  - v. Conduct additional field tests, inspections, assessments, and/or evaluations to determine whether, and to what extent, the conditions associated with the Failure, and other failures from the failure history (*see* Item 13(E)(ii),

above) or any other integrity threats are present elsewhere on the Affected Segment. At a minimum, this process must consider all failure causes and specify the use of one or more of the following:

- a. Inline inspection (ILI) tools that are technically appropriate for assessing the pipeline system based on the cause of Failure, and that can reliably detect and identify anomalies;
- b. Hydrostatic pressure testing;
- c. Close-interval surveys;
- d. Cathodic protection surveys, to include interference surveys in coordination with other utilities (e.g. underground utilities, overhead power lines, etc.) in the area;
- e. Coating surveys;
- f. Stress corrosion cracking surveys;
- g. Selective seam corrosion surveys; and
- h. Other tests, inspections, assessments, and evaluations appropriate for the failure causes.

Note: TETLP may use the results of previous tests, inspections, assessments, and evaluations if approved by the Director, provided the results of the tests, inspections, assessments, and evaluations are analyzed with regard to the factors known or suspected to have caused the Failure.

- vi. Describe the inspection and repair criteria TETLP will use to prioritize, excavate, evaluate, and repair anomalies, imperfections, and other identified integrity threats. Include a description of how any defects will be graded and a schedule for repairs or replacement.
- vii. Based on the known history and condition of the Affected Segment, describe the methods TETLP will use to repair, replace, or take other corrective measures to remediate the conditions associated with the pipeline Failure, and to address other known integrity threats along the Affected Segment. The repair, replacement, or other corrective measures must meet the criteria specified in Item 13(E)(iv), above.
- viii. Implement continuing long-term periodic testing and integrity verification measures to ensure the ongoing safe operation of the Affected Segment considering the results of the analyses, inspections, evaluations, and corrective measures undertaken pursuant to the Amended Order.

- ix. Implement specific actions TETLP will take on its entire pipeline system as a result of the lessons learned from work on this Amended Order. Incorporate lessons learned on TETLP's entire pipeline system. TETLP will report lessons learned in the CAO Documentation Report (see Item 14 for description of the CAO Documentation Report).

(F) TETLP must include a proposed schedule for completion of the RWP.

(G) TETLP must revise the RWP as necessary to incorporate new information obtained during the NTSB and PHMSA's failure investigation and remedial activities taken under this Amended Order, to incorporate the results of actions undertaken pursuant to this Amended Order, and/or to incorporate modifications required by the Director.

- i. TETLP must submit any plan revisions to the Director for prior approval.
- ii. The Director may approve plan revisions incrementally.
- iii. Any and all revisions to the RWP after it has been approved and incorporated by reference into this Amended Order will be fully described and documented in the CAO Documentation Report (CDR).

(H) Implement the RWP as it is approved by the Director, including any revisions to the plan.

14. **CAO Documentation Report (CDR).** TETLP must create and revise, as necessary, a CAO Documentation Report (CDR). When TETLP has concluded all the items in this Amended Order it will submit the final CDR in its entirety to the Director. This will allow the Director to complete a thorough review of all actions taken by TETLP with regards to this Amended Order prior to approving the closure of this Amended Order. The intent is for the CDR to summarize all activities and documentation associated with this Amended Order in one document.

(A) The Director may approve the CDR incrementally without approving the entire CDR.

(B) Once approved by the Director, the CDR will be incorporated by reference into this Amended Order.

(C) The CDR must include but not be limited to:

- i. Table of Contents;
- ii. Summary of the pipeline Failure, and the response activities;
- iii. Summary of pipe data/properties and all prior assessments of the Affected Segment;

- iv. Summary of all tests, inspections, assessments, evaluations, and analysis required by the Amended Order;
- v. Summary of the Mechanical and Metallurgical Testing as required by the Amended Order;
- vi. Documentation of all actions taken by TETLP to implement the RWP, the results of those actions, and the inspection and repair criteria used;
- vii. Documentation of any revisions to the RWP including those necessary to incorporate the results of actions undertaken pursuant to this Amended Order and whenever necessary to incorporate new information obtained during the failure investigation and remedial activities;
- viii. Lessons learned while completing this Amended Order;
- ix. A description of specific actions TETLP will take on its entire pipeline system as a result of the lessons learned from work on this Amended Order; and
- x. Appendices (if required).

#### **Other Requirements:**

1. ***Reporting.*** Submit monthly reports to the Region Director that: (1) include all available data and results of the testing and evaluations required by this Amended Order; and (2) describe the progress of the repairs or other remedial actions being undertaken. The first monthly report for the period August 1 through August 31 is due on September 15, 2019. The Region Director may change the interval for the submission of these reports.
2. ***Documentation of Costs.*** It is requested but not required that Respondent maintain documentation of the costs associated with implementation of this Amended Order. Include in each monthly report the to-date total costs associated with: (1) preparation and revision of procedures, studies and analyses; (2) physical changes to pipeline infrastructure, including repairs, replacements and other modifications; and (3) environmental remediation, if applicable.
3. ***Approvals.*** With respect to each submission requiring the approval of the Region Director, the Region Director may: (a) approve the submission in whole or in part; (b) approve the submission on specified conditions; (c) modify the submission to cure any deficiencies; (d) disapprove the submission in whole or in part and direct Respondent to modify the submission; or (e) any combination of the above. In the event of approval, approval upon conditions, or modification by the Region Director, Respondent shall proceed to take all action required by the submission, as approved or modified by the Region Director. If the Region Director disapproves all or any portion of a submission, Respondent must correct all deficiencies within the time specified by the Region Director and resubmit it for approval.

4. ***Extensions of Time.*** The Region Director may grant an extension of time for compliance with any of the terms of this Amended Order upon a written request timely submitted and demonstrating good cause for an extension.
5. Be advised that all material you submit in response to this enforcement action is subject to being made publicly available. If you believe that any portion of your responsive material qualifies for confidential treatment under 5 U.S.C. § 552(b), along with the complete original document you must provide a second copy of the document with the portions you believe qualify for confidential treatment redacted and an explanation of why you believe the redacted information qualifies for confidential treatment under 5 U.S.C. § 552(b).

In your correspondence on this matter, please refer to “CPF No. 2-2019-1002H” and for each document you submit, please provide a copy in electronic format whenever possible. The actions required by this Amended Order are in addition to and do not waive any requirements that apply to Respondent’s pipeline system under 49 C.F.R. Parts 190 through 199, under any other order issued to Respondent under authority of 49 U.S.C. Chapter 601, or under any other provision of Federal or State law.

Respondent may appeal any decision of the Region Director to the Associate Administrator for Pipeline Safety. Decisions of the Associate Administrator shall be final.

Failure to comply with this Amended Order may result in the assessment of civil penalties and in referral to the Attorney General for appropriate relief in United States District Court pursuant to 49 U.S.C. § 60120.

The terms and conditions of this Amended Order are effective upon service in accordance with 49 C.F.R. § 190.5.

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Alan K. Mayberry  
Associate Administrator  
for Pipeline Safety

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Date Issued