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Georgia Public Service Commission

(404) 463-6526
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244 Washington Street, SW
Atlanta, GA 30334-5701

FAX: (404) 463-6532
psc.ga.gov

DOCKET# 38220
DOCUMENT# 192068

Docket No. 38220

Columbus State University
4225 University Avenue
Columbus, GA 31907

REF: Methane Emission Plan Inspection # JH22-034

☐ Certified Mail ☑ Regular Mail ☐ Email

Attention: Ms. Sandy Gore

On October 19, 2022, a representative of the Georgia Public Service Commission Pipeline/Facilities Safety Office conducted an inspection of your gas system. The enclosed inspection report numbered JH22-034 is provided for your information and file.

In conjunction with this inspection report, Staff has recommended the following enforcement(s):

Enforcement Action:

- ☐ Notice of Probable Violation
- ☐ Notice of Probable Violation with Proposed Civil Penalty
- ☑ Notice of Amendment

Enforcement Letter:

- ☐ Warning Letter
- ☐ Letter of Concern

Enforcement Notification:

- ☐ Observed Issue
- ☐ No Violation

Please review and respond to this report in accordance with the attached Instructions for Responding to Enforcement Actions, Enforcement Letters, and Notifications Issued by the Georgia Public Service Commission. Please refer to Docket No. 38220 in your response.

Please let me know if there are any questions concerning this report at (404) 463-6526 or michellet@psc.state.ga.us. Thank you for your continuing contribution toward increased pipeline safety.

Sincerely,

Michelle Thebert

Michelle L. Thebert
Director, Office of Pipeline Safety/Facilities Protection

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REPORT OF NATURAL GAS SAFETY

INSPECTION NO: JH22-034

OPERATOR: Columbus State University

INVESTIGATOR: Jack Hewitt

INSPECTION DATE: October 19, 2022 REPORT MAILED DATE: November 8, 2022

Any questions concerning this report may be directed to the above address or by telephoning (404) 463-6526.

1. PURPOSE OF INSPECTION

To perform an inspection of the operators methane emission reduction plan for compliance with the Congressional mandate of Section 114 of the Protecting Our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2020.

2. CONTINUING VIOLATIONS

3. CLEARED VIOLATIONS

4. NEW VIOLATIONS

Violation	Description	Inspection#	Date
192.603(c)	General - The Associate Administrator or the State Agency that has submitted a current...	JH22-034	10/19/2022

5. OTHER RECOMMENDATIONS/COMMENTS

SEE ATTACHED INSPECTION REPORT

On October 19, 2022, Staff reported to Columbus State University to perform an inspection of the Operator's methane emission reduction plan for compliance with the Congressional mandate of Section 114 of the Protecting Our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2020.

During this inspection, the Operator was represented by:
Lindsay Courson – Maintenance Supervisor Columbus State University
TJ Rice – Utility Manager Columbus State University

Commission Staff was represented virtually by:
Jack Hewitt - Pipeline Safety Inspector / Lead Inspector
Daniel Clemmons - Pipeline Safety Inspector / Lead Inspector

At the time of this inspection the Columbus State University had no previously existing probable violations. These violations were not addressed at the time of this inspection.

NOTICE OF AMENDMENT

As a result of this inspection Staff found that the Columbus State University was in probable violation of the minimum federal safety standards, specifically;

49CFR §192.603 General
(c) The Associate Administrator or the State Agency that has submitted a current certification under the pipeline safety laws, (49 U.S.C. 60101 et seq.) with respect to the pipeline facility governed by an operator's plans and procedures may, after notice and opportunity for hearing as provided in 49 CFR 190.206 or the relevant State procedures, require the operator to amend its plans and procedures as necessary to provide a reasonable level of safety

STAFFS COMMENTS: The Protecting Our Infrastructure of Pipelines and Enhancing Safety (PIPES) Act of 2020 was signed on December 27, 2020. This statute contains a self-executing mandate requiring operators to update their inspection and maintenance plans to address eliminating hazardous leaks and minimizing releases of natural gas (including intentional venting during normal operations) from their pipeline facilities. Operators must also revise their plans to address the replacement or remediation of pipeline facilities that are known to leak based on their material, design, or past operating and maintenance history.

Section 114 of the Protecting our Infrastructure of Pipelines and Enhancing Safety Act of 2020, Public Law No. 116-260 (Act) requires operators, by December 27, 2021, to update the inspection and maintenance plan required under section 60108(a) to address the elements described in the amendments to that section outlined below:

- Section 60108(a)(2)(D) - the extent to which the plan will contribute to — (i) public safety; (ii) eliminating hazardous leaks and minimizing releases of natural gas from pipeline facilities; and (iii) the protection of the environment; and

- Section 60108(a)(2)(E) - the extent to which the plan addresses the replacement or remediation of pipelines that are known to leak based on the material (including cast iron, unprotected steel, wrought iron, and historic plastics with known issues), design, or past operating and maintenance history of the pipeline.

Pursuant to section 60108(a)(2) and §192.603(c), our review of your inspection and maintenance procedures indicates the procedures are deficient. Specifically, we have identified the following items which need amendment:

1. Inspection Question #5. Leaks & Releases - Identification of Fugitive Emissions
   Do procedures provide a methodology for identifying sources of fugitive natural gas emissions in the system?

   STAFFS COMMENTS: In Advisory Bulletin ABD-2021-01, issued on June 4, 2021, PHMSA stated that operators were to consider the following as they updated their plans to comply with section 114 of the PIPES Act of 2020: O&M plans must be detailed to address the elimination of hazardous leaks and minimization of releases of natural gas from the operators' pipeline facilities; meaning pipeline operators must update their plans to minimize, among other things, fugitive emissions and vented emissions from pipeline facilities. PHMSA also advised in this bulletin that state inspectors would evaluate the steps taken to prevent and mitigate both unintentional, fugitive emissions as well as intentional, vented emissions.

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies fugitive emissions in broad categories (leaks / line breaks / equipment failures / other unanticipated events), and references the Operators existing procedures. Staff did not see where the Operators procedures had been revised to proactively address the requirement to prevent and mitigate each category of the fugitive emissions identified by the Operator.

2. Inspection Question #6. Leaks & Releases - Venting
   Do procedures identify measures for minimizing natural gas release volumes associated with non-emergency venting and blowdowns from operations and maintenance?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies Leaks & Releases – Venting, it was referenced to in the Operators existing procedures. Staff did not see where the Operators procedures had been revised to proactively address the requirement to prevent and mitigate Venting emissions.

3. Inspection Question #7. Leaks & Releases - Investigation of Unanticipated Vented Releases
   Do procedures provide for investigation of any unanticipated vented releases of natural gas, and if so, what are the associated actions?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies Leaks & Releases – Investigation of Unanticipated Vented Releases, this was referenced in the Operators existing procedures. Staff did not see where the Operators procedures had been revised to proactively address the requirement to investigate the likelihood of Unanticipated Vented Releases in their emission plan their plan only referenced what was already in their procedures found in their O&M manual.

4. Inspection Question #8. Leaks & Releases - Leak Data Collection and Analysis
   Do procedures include a methodology to collect, retain and analyze detailed information from detected natural gas leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies Leaks & Releases – Leak Data Collection and Analysis it is referenced in their plan. Staff did not see where the Operators procedures had been revised to proactively address the requirement of collecting and

analyzing the data. Operator's emission plan only referenced to what was already in their procedures in their O&M manual.

5. Inspection Question #9. Do procedures include instructions for personnel to detect leaks to help further reduce emission in stations and along the right of way?
Do operation and maintenance procedures contain mechanisms for identifying potential design / configuration changes for reducing natural gas releases?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies Leaks & Releases – Detecting Leaks. The plan only refers to how their maintenance staff was instructed on leak detection. Staff did not see where the Operators procedures had been revised to proactively address the requirement of detecting leaks. Operator's emission plan only referenced the procedures in their O&M manual.

6. Inspection Question #10. Leak Mitigation & Repair
Do procedures define a process to identify, classify, mitigate and repair leaks?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan identifies Leaks & Releases – Mitigation & Repair. The plan only refers to how their O&M manual Staff did not see where the Operators procedures had been revised to proactively address the requirement for leak mitigation & repair Operator's emission plan only referenced the Operators procedures in their O&M manual.

7. Inspection Question #:11. Leak Mitigation & Repair - Lost & Unaccounted for Gas
Do procedures provide for review of Lost & Unaccounted for Gas (LAUF) and do procedures specify actions to reduce the associated volume?

   OBSERVED DEFICIENCY: Staff notes that the Operator does not have a plan to provide a process for determining the volume of gas which is purchased by the Operator and then metered for sale to consumers.

8. Inspection Question #16. General - Feedback to Design/Configuration Practices Do operation and maintenance procedures contain mechanisms for identifying potential design/configuration changes for reducing natural gas releases?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan does not address General – Feedback to Design/Configuration Practices in their emission plan, they only refer to their O&M manual. Staff did not see where the Operators procedures had been revised to proactively address the requirement for Feedback to Design/Configuration Practices.

9. Inspection Question #17. Leak-Prone: Leaks & Releases
What procedures are in place to monitor for and identify pipe segments that are leak-prone, and what criteria (e.g., frequency of leak or failure events) are specified for determining a pipeline segment is leak-prone?

   OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan does not address Leak prone: Leaks & Releases in their emission plan, they only refer to their Distribution Integrity Management Plan (DIMP). Staff did not see where the Operators procedures had been revised to proactively address the requirement for Leak-Prone: Leaks & Releases.

10. Inspection Question #18. Leak-Prone: Leaks & Releases - Leak Data Collection and Analysis

Do procedures include a methodology to collect, retain and analyze detailed information from detected leaks, including those eliminated by lubrication, adjustment, tightening or otherwise below thresholds for regulatory reporting?

OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan did not identify or discuss General – Feedback to Design/Configuration Practices, it was not referenced in the Operators Emission Plan.

11. Inspection Question #19. Leak-Prone: Leaks Mitigation & Repair - Replacement and Remediation (Example Section 114 Materials)
Do procedures identify cast iron, unprotected steel, wrought iron, and vintage plastic pipe with known leak issues?

OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan did not identify or discuss Leak-Prone: Leaks Mitigation & Repair - Replacement and Remediation (Example Section 114 Materials) it was not referenced in the Operators Emission Plan.

12. Inspection Question #20. Leak-Prone: Leak Mitigation & Repair - Replacement and Remediation (Other Materials)
Do procedures clearly define a process to address replacement or remediation of pipe segments with known leak issues beyond those specifically identified in Section 114?

OBSERVED DEFICIENCY: Staff found that the Operators methane emission plan did not identify or discuss Leak-Prone: Leaks Mitigation & Repair - Replacement and Remediation (Other Materials) it was not referenced in the Operators Emission Plan.

REQUIRED AMENDMENT: Staff found that the Operators plan for compliance with the requirements of Section 114 of the Protecting our Infrastructure of Pipelines and Enhancing Safety Act of 2020, was deficient. Columbus State University must amend their procedures to address the deficiencies identified in this report.

Please review and respond to this report in accordance with the attached Instructions for Responding to Enforcement Letters Issued by the Georgia Public Service Commission.

OPERATOR RESPONSE FORM

Operator Name: Columbus State University

Informal Conference Requested: Yes ☐ No ☐

Docket Number: 38220

Responses required within **30 days of electronic mail.** Provide the following information for this report:

Response to Inspection Number:_____

Type of Enforcement Action(s) cited in report:		Informal Conference Requested
☐ Notice of Probable Violation (NOPV)	☐ New ☐Continuing	☐ Yes ☐ No
☐ Notice of Amendment (NOA)	☐ New ☐Continuing	☐ Yes ☐ No
☐ Warning Letter	☐ New ☐Continuing	☐ Yes ☐ No
☐ Letter of Concern	☐ New ☐Continuing	☐ Yes ☐ No
☐ Observed Issue	☐ New ☐Continuing	☐ Yes ☐ No
☐ Proposed Civil Penalty	$_____ PCP $ Amount (Total for report)	

Indicate below (A-E) based on the type of Enforcement Actions in this report: (Check all that apply)
Complete a separate copy of Page 2, Operator Response to Enforcement Action, for each cited item.

A. Response for **Notice of Probable Violation** (with and without proposed civil penalty):
   1. ☐ Written statement indicating that corrective measures have achieved Compliance or
   2. ☐ Written plan of action outlining the corrective measures that will be taken to achieve compliance and when compliance is anticipated.

B. Response for **NOA**:
   1. ☐ Contested: Attach written explanation, information, or other material in answer to the allegations in the Notice of Amendment stating your reasons for objecting to the NOA, in whole or in part; or
   2. ☐ Not Contested: Explanation, information, or other material believed to warrant modification of the NOA in whole or in part; or
   3. ☐ Written request for clarification. (Attached)

C. Response for **Continuing** and/or **Existing** violations:
   Current status, updates, expected completion dates, proposed modifications, etc., of the continuing and/or existing violations, even if this information was previously provided. Referencing a previously filed response letter, as status, updates, etc. alone is not sufficient for this response. Failure to provide this information may result in formal interrogatories from the Director through data requests.

D. Response for ☐ **Letter of Concern** / ☐ **Warning Letter**
   I acknowledge receipt of the Letter of Concern/Warning Letter:_____
   SIGNATURE / TITLE

   Additional Comments: (Optional)_____
   _____
   _____

E. Response for **Observed Issue** and **No Violation**: (Optional Response)
   Staff requests that the Operator acknowledge receipt of the Observed Issue/No Violation in writing, or by submitting an email to the FPU Director

Operator Response to Enforcement Action

Enforcement Action for:_____ ☐ New Violation ☐ Continuing Violation
Enter Code / Commission Rule (Complete a separate attachment for each enforcement action)

Enforcement Action(s) cited in report:	Conference Requested:	
☐ Notice of Probable Violation (NOPV)	☐ Yes ☐ No	$_____ Proposed Penalty for this violation
☐ Notice of Amendment (NOA)	☐ Yes ☐ No	
☐ Warning Letter	☐ Yes ☐ No	
☐ Letter of Concern	☐ Yes ☐ No	
☐ Observed Issue	☐ Yes ☐ No	
☐ Proposed Civil Penalty	☐ Yes ☐ No	

OPERATORS RESPONSE: _____

_____

_____

_____

_____

_____

_____

_____

Response Provided by: _____ Date:_____
Name / Title

Internal use only:

Lead Inspector: _____ Date Response Reviewed:_____

Actions Acceptable: ☐ Yes ☐No Re-inspection Needed:☐ Yes ☐ No Clear Violation:☐ Yes ☐ No

_____

Supervisor Review by:_____ Date Reviewed:_____

Additional Enforcement Recommended: ☐ Yes ☐ No

_____

Director Review

Approved: ☐ Yes ☐No Schedule Special Follow-up Inspection: ☐ Yes ☐ No

Cleared Violation: ☐ Yes ☐ No

Comments:_____

_____

Filings:
For all written responses or any other official correspondence, the Operator shall file the response at the following address:

Ms. Sallie Tanner, Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, Georgia 30334

The Operator must file **five (5)** copies of any response and/or official correspondence, as well as a CD with an electronic version of the response in Microsoft Word and/or a PDF, if applicable.

Informal Conference:
Any Operator who chooses to request an informal conference shall request such a conference through emailing the Director (michellet@psc.state.ga.us), calling the Director (404-463-2765), or selecting the "Request Conference" choice.

Civil Penalty Payments:
Certified check for the full amount of the recommended civil penalty or consent agreement amount made payable to the Georgia Public Service Commission. The Operator's name, applicable Docket No., and Inspection Report No. must be included on the certified check. Mail payment to:

Ms. Michelle Thebert, Director, Facilities Protection Unit
Georgia Public Service Commission
244 Washington Street
Atlanta, Georgia 30334

Hearing Requests:
The Operator has the right to request a hearing before the full Commission to contest the alleged probable violations, recommended civil penalties, and all other proposed actions of enforcement. A request for a hearing must be submitted in writing and in accordance with Commission Rule 515-2-1-.04. The Operator must include a statement of the issues that you intend to raise at the hearing. The issues may relate to the allegations, new information, proposed compliance order, proposed civil penalty, or any other recommendation for enforcement action. Please refer to Commission Rule 515-9-3-.11 and O.C.G.A. § 46-2-91 for assessment considerations upon which civil penalties are based. An operator's failure to specify an issue may result in a waiver of the right to raise that issue at hearing. The request must also indicate whether or not the Operator will be represented by counsel at the hearing.

Open Records and Trade Secret Filings:
The Operator is advised that any material provided to the Commission, and all materials prepared by the Commission, including the Notice of Probable Violations and any Orders issued in this case, may be considered public information and subject to disclosure under the Georgia Open Records Act (O.C.G.A. § 50-18-70 et seq.). If you believe that any portion of your response material is security sensitive, privileged, confidential or may cause your company competitive disadvantages and would qualify for protection under the Commission's "Trade Secret Rule" (Commission Rule 515-3-1-.11), you must, along with the complete original document clearly marked "TRADE SECRET" on each page, provide a second copy of the document with the portions you believe qualify for trade secret treatment redacted, and an explanation of why you believe the redacted information qualifies for such trade secret treatment. Should the Commission receive a request for disclosure of any "TRADE SECRET" material, you will be notified, if after review, the materials and your provided justification are deemed not to meet any exemptions provided in the Georgia Open Records Act. You may appeal the Commission's decision to release material at that time. Your appeal will stay the release of those materials until a final decision is made.

BEFORE THE GEORGIA PUBLIC SERVICE COMMISSION
STATE OF GEORGIA

IN THE MATTER OF:	)	
	)	
Notice of Amendment	)	**DOCKET NO. 38220**
Columbus State University	)	
Inspection JH22-034 on October 19, 2022	)	
	)	

CERTIFICATE OF SERVICE

I, the undersigned, do hereby certify that I have caused to be served a copy of the foregoing, and a copy of same was served upon all parties and persons listed below via electronic mail as indicated by an asterisk I further certify that the *Columbus State University* was served a hard copy of the above-stated document by U.S. Mail, certified/return receipt requested.

*Sallie Tanner, Executive Secretary
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334

* Sandy Gore, Director Environmental
Columbus State University
4225 University Avenue
Columbus, GA 31907
gore_sandy@columbusstate.edu

*Michelle Thebert, Facilities Protection Unit Director
Georgia Public Service Commission
244 Washington Street, SW
Atlanta, GA 30334

Respectfully Submitted this 17th day of November 2022:

Cathy Nesbitt

Cathy Nesbitt, Administrative Assistant
Georgia Public Service Commission
Facilities Protection Unit
244 Washington Street, SW
Atlanta, GA 30334