



SOUTH CAROLINA

OFFICE OF REGULATORY STAFF

Operations & Maintenance Plans

**Damage Prevention
&
Emergency Plan**

OPERATOR: _____

DATE: _____

**South Carolina
Office of Regulatory Staff**

Operations & Maintenance Plans

Company: *LCNGA Lancaster Office*

City or Town:

Location:

Date:

Operator Personnel:

Additional Comments:

192.605(a): (1) Is the Operation & Maintenance plan reviewed and updated every 15 months but at least once each calendar year? _____

.605(b): (2) Does the O&M include these procedures to provide safety during maintenance and operations?

.605(b)(2): (3) Controlling Corrosion? _____

.605(b)(3): (4) Making construction records ,maps, and operating history available to appropriate operating personnel? _____

.605(b)(5): (5)Start up and shut down any part of the pipe line in a manner designed to assure operation within the MAOP plus the build-up allowed for operation of pressure limiting and control devices? _____

.605(b)(6): (6) Maintaining compressor stations? _____

.605(b)(8): (7) Periodically reviewing the work done by operator's personnel to determine the effectiveness and adequacy of the procedures used in normal operation and maintenance and modifying the procedures when deficiencies are found? _____

.605(b)(9): (8) Taking precautions in excavated trenches to protect personnel ? _____

.605(b)(10): (9) Systematic and routine testing of pipe-type or bottle-type holders? _____

Including:

- (i) Provisions for detecting external corrosion? _____
- (ii) Sampling and testing gas in storage? _____
- (iii) Periodic inspection and testing of pressure limiting equipment to determine that it is in safe operating condition and has adequate capacity? _____

.605(b)(11): (10) Respond promptly to a report of a gas odor inside or near a building? _____

.605(b)(12): (11) Implement the applicable control room management procedures required by 192.631? _____

192.605(c): (1) Does the abnormal operation for transmission lines required by paragraph (a) of this section of 192.605 include procedures for the following to provide safety when operating design limits have been exceeded? _____

.605(c)(1): (1) Responding to, investigating, and correcting the cause of:

- (i) Unintended closure of valves or shutdowns? _____
- (ii) Increase or decrease in pressure or flow rate Outside of normal operating limits? _____
- (iii) Loss of communication? _____
- (iv) Operation of any safety device? _____
- (v) Any other foreseeable malfunction of a Component, deviation from normal operation, Or personnel error which may resort to hazard To persons or property? _____

.605(c)(2): (2) Checking variations from normal operation after abnormal operation has been ended to determine continued integrity and safe operation? _____

.605(c)(3): (3) Notifying responsible operator personnel when notice of an abnormal operation is received? _____

.605(c)(4): (4) Periodically reviewing response of the operator personnel to determine the effectiveness of the procedures controlling abnormal operation and taking corrective action_ where deficiencies are found? _____

192.605(d): (1) Are safety related conditions reported? _____

.605(d) : (2) Does personnel recognize conditions that concern safety and are subject to be reported? _____

192.605(e): (1) Does the proper personnel know that the manual must include Surveillance, emergency response,

and accident investigation? _____

Do portions of the operator's Operation & Maintenance Plan supersede the minimum requirements in the Pipeline Safety Regulations ~~regulations of the code?~~ _____

Comments: _____

Damage Prevention Program

192.614(a) : Does the operator of a buried pipeline carry out in accordance with this section a written program to prevent damage to that pipeline by excavation activities? _____

.614(b) : (1) As of June the 7th 2012 does the operator follow the requirements of being a part of the S.C. one call system? _____

.614(c) :(2) Does the damage prevention program, at a minimum, include:

- (i) Identity of persons who normally engage in Excavation activity in the area around the pipe-Line? _____
- (ii) Keep the persons who are digging around the Pipeline informed of where the pipeline is and Aware of the damage prevention program? _____
- (iii) The program's existence and purpose? _____
- (iv) How to learn the location of underground Pipelines before excavation begin? _____

.614(5) : (3) Does the operator provide for temporary marking of buried pipelines in the area? _____

Number of locate requests processed during past year _____

.614(6) : (4) Does the operator inspect as frequently as necessary during and after the activities to verify the integrity of the pipeline? _____

.614(6)(1) : (5) In case of blasting or any other damage, are leak surveys done on the follow up? _____

Total Number of damages to facilities during past year _____

Emergency Plan

192.615(a): (1) Has the operator established a written procedure to minimize the hazard resulting from gas pipeline emergencies? _____

.615(a)(1): (2) At a minimum does the procedures provide for the Following:

- 1) Receiving , Identifying, and Classifying notices of events which require immediate response by the operator? _____
- 2) Establishing and maintaining adequate means of communication with the appropriate fire, police, and other public officials? _____
- 3) Prompt and effective response to each type of each emergency? _____
- 4) The availability of personnel, equipment, tools, and materials, as needed at the scene of an emergency? _____
- 5) Actions protecting people first and then property? _____
- 6) Emergency shut down and pressure reduction in any section of the operator's pipeline system to minimize hazards to life or property? _____
- 7) Making safe any potential hazard to life or property? _____
- 8) Notify and coordinate with the proper officials. _____
- 9) Safely restore any service outages? _____

.615(b): (1) Does the operator :

- (i) Furnish it's supervisors who are responsible for emergency action a copy of the latest procedures necessary for compliance? _____
- (ii) Train the appropriate personnel to assure they are knowledgeable of the emergency procedures? _____
- (iii) Review employee activities to determine whether the procedures were effectively followed in each emergency? _____

.615(c): (1) Has the operator established and maintained liaison with the appropriate fire, police, and other public officials? _____

.615(c): (2) Is there a plan how the operator and other officials can engage in mutual assistance to minimize hazards to life or property by :

- 1) Learning the responsibilities and resources of each government organization that may respond to a gas pipeline emergency? _____**
- 2) Identify the types of gas pipeline emergencies of which will be responded to? _____**

SUMMARY

(List any non-compliances found during the inspection or any other important information)