

TR 20-17 – DIMP System Knowledge

TR Number	20-17
Primary	192.613
Secondary	192.1007(a) – DIMP knowledge of piping system
Purpose	Revise in light of incident review from Avon OH, http://dis.puc.state.oh.us/TiffToPDF/A1001001A19B22B13654C04155.pdf The customer had a greenhouse and residence; 2 separate taps. Discussion about 192.613 "Continuing Surveillance." Records from 1970's are not as good as today.
Origin/Rationale	Public utilities commission of OHIO enforcement action on Columbia Gas for 192.613 (a). 192.613 (a) - Continuing Surveillance. Columbia Gas of Ohio did not have knowledge of its pipeline facility through continuous surveillance at 4149 Case Road in Avon, Ohio. The original service line (old idle service line) was installed in the 1970's and through the life span of this service line the operator lost track of the service line in its electronic databases. In the calendar year of 2010 the meter was removed and a locking device was installed at the meter stop, but the line was never properly abandoned.
Notes	Reviewed guidance language currently in 192.613 and there isn't any guidance for record review during other activities. Adding language to be aware of risers or other operator facilities on the buildings or surrounding area and outbuildings to ensure proper inspections occur.
Assigned to	OM/OQ

Note: Revisions are shown in **yellow highlight** and **red font**.

Section 192.613

1 GENERAL

Continuing surveillance should be conducted to identify any pipeline facilities experiencing abnormal or unusual operating and maintenance conditions. This may be accomplished by ~~the following periodic inspections and reviews as discussed in (a) and (b) below.~~

- (a) Periodic visual inspection of pipeline facilities to identify items such as the following.
 - (1) Changes in population densities.
 - (2) Effects of changes in topography.
 - (3) Effects of exposure or movement.
 - (4) Effects of encroachments.
 - (5) Specific circumstances relating to patrolling and leakage. See guide material under §§192.705, 192.706, 192.721, and 192.723.
 - (6) Potential for, or evidence of:
 - (i) Excavation activity.
Note: If evidence of an excavation is found near a transmission pipeline covered segment, the location must be examined in accordance with §192.935(b)(1)(iv).
 - (ii) Tampering, vandalism, or damage.
 - (iii) Flooding. See 6 below. *{Publication note: adjust tab alignment and add period}*
 - (iv) Mining activity. See Guide Material Appendix G-192-13.
 - (v) Soil or water accumulation in vaults or pits.
 - (vi) Gas migration through air intakes into buildings from vaults and pits.
Excessive snow and ice build-up on aboveground facilities (e.g., meter sets, pressure control equipment, heaters) that could affect their function.
- (b) Periodic review and analysis of records, such as the following.
 - (1) Patrols.
 - (2) Leak surveys.
 - (3) Valve inspections.
 - (4) Vault inspections.
 - (5) Pressure regulating, relieving, and limiting equipment inspections.
 - (6) Corrosion control inspections.

- (7) Facility failure investigations.
- (8) As-built and facility location maps.
- (c) Anomalies discovered should be evaluated, and those determined to present potential safety concerns should be scheduled for remediation and communicated to appropriate integrity management personnel.
- (d) If a discrepancy is noted between what is observed in the field and the record, the discrepancy should be resolved as soon as practicable. the record should be investigated and corrected. Examples might include:
 - (1) The service line record shows a plastic service line, but in the field it is observed to be a steel line of a different diameter. Investigate the discrepancy and Ensure records are updated and accurate.
 - (2) The service line record for two adjacent homes is shown as a branch service, but when the service tee was retired, one of the homes still remained active with gas pressure. Investigate Confirm the source of gas feeding the home and update records to accurately show the facility location.

2 CAST IRON PIPELINES

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