

REDACTED

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF PUBLIC UTILITIES

RESPONSE OF COLUMBIA GAS OF MASSACHUSETTS TO THE
FIRST SET OF INFORMATION REQUESTS FROM THE D.P.U.
PIPELINE ENGINEERING AND SAFETY DIVISION

D.P.U. 19-PL-07 – Merrimack Valley Incident (9/13/18)

Date: September 18, 2019

Responsible: Robert V. Mooney, V.P. Engineering and Construction

- IR-PL-1-9: Please provide the following information regarding regulator stations within the area of the South Union Street Project:
- a) A list of regulator stations within one mile of the South Union Street Project;
 - b) The process to review, verify, and approve the possible effects imposed on the regulator stations identified in IR-PL 1-9(a);
 - c) Details regarding the transfer of sensing lines from abandoned to newly installed pipeline;
 - d) Responsibility of M&R personnel during construction activities;
 - e) Explain the responsibility of M&R personnel to be present during main tie-ins and abandonments that involve piping connected to regulator stations;
 - f) Explain whether M&R personnel were onsite on the day of the incident. If not, explain why;
 - g) Explain whether CMA's procedures require M&R personnel to be onsite during main construction, tie-ins, or abandonment when a regulator station is connected to associated piping. If yes, provide the relevant procedure. If not, provide an explanation;
 - h) Names and qualifications of M&R personnel present at the time of construction activity;
 - i) Isometric drawings, critical valve and sensing line locations for the regulator stations noted in IR-PL 1-9(a);
 - j) Type of regulators, including the manufacturer's catalog cut sheets
 - k) Set point of the monitor regulator(s);
 - l) Set point of the control (working) regulator(s);
 - m) Date of last regulator station inspection at the regulator stations referenced in IR-PL 1-9(a);
 - n) Copy of inspection records for the last three years for the regulator stations referenced in IR-PL 1-9(a).

Response: The following responses respond to subparts (a) and (i) through (n) of IR-PL-1-9. The responses for subparts (b) through (h) will be provided as soon as they are available.

- a) A list of regulator stations within one mile of the South Union Street Project**

The regulator stations that were part of the low-pressure distribution system affected by the September 13, 2018 event and within one mile of the South Union Street Project are the following:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

i) Isometric drawings, critical valve and sensing line locations for the regulator stations noted in IR-PL 1-9(a)

Please see the following attachments:

- Attachment IR-PL-1-9(a) contains the requested information for the [REDACTED] regulator station;
- Attachment IR-PL-1-9(b) contains the requested information for the [REDACTED] regulator station;
- Attachment IR-PL-1-9(c) contains the requested information for the [REDACTED] regulator station;
- Attachment IR-PL-1-9(d) contains the requested information for the [REDACTED] regulator station; and
- Attachment IR-PL-1-9(e) contains the requested information for the [REDACTED] regulator station.

j) Type of regulators, including the manufacturer's catalog cut sheets

The type of regulators at the regulator stations identified in IR-PL 1-9(a) are the following:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

Attachment IR-PL-1-9(f) contains copies of the manufacturer's catalog cut sheets for the referenced regulators.

**k) Set point of the monitor regulator(s)
and**

l) Set point of the control (working) regulator(s)

As of the date of the last inspection prior to the Merrimack Valley event, the set points of the monitor and control (working) regulators at the regulator stations identified in the response to IR-PL 1-9(a), were as follows:

Regulator Station	Monitor Regulator Set Point	Control Regulator Set Point
[REDACTED]	14" wc	10.5" wc
[REDACTED]	14" wc	11" wc
[REDACTED]	14" wc	11" wc
[REDACTED]	14" wc	11" wc
[REDACTED]	14" wc	11" wc

m) Date of last regulator station inspection at the regulator stations referenced in IR-PL 1-9(a)

The regulator stations identified in response to IR-PL 1-9(a) were last inspected on the following dates:

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

n) Copy of inspection records for the last three years for the regulator stations referenced in IR-PL 1-9(a)

Please see Attachment IR-PL-1-9(g) for a summary of the 2016, 2017 and 2018 regulator station inspections for the regulator stations referenced in the response to IR-PL 1-9(a). See Attachment IR-PL-1-9(h) for job order detail.