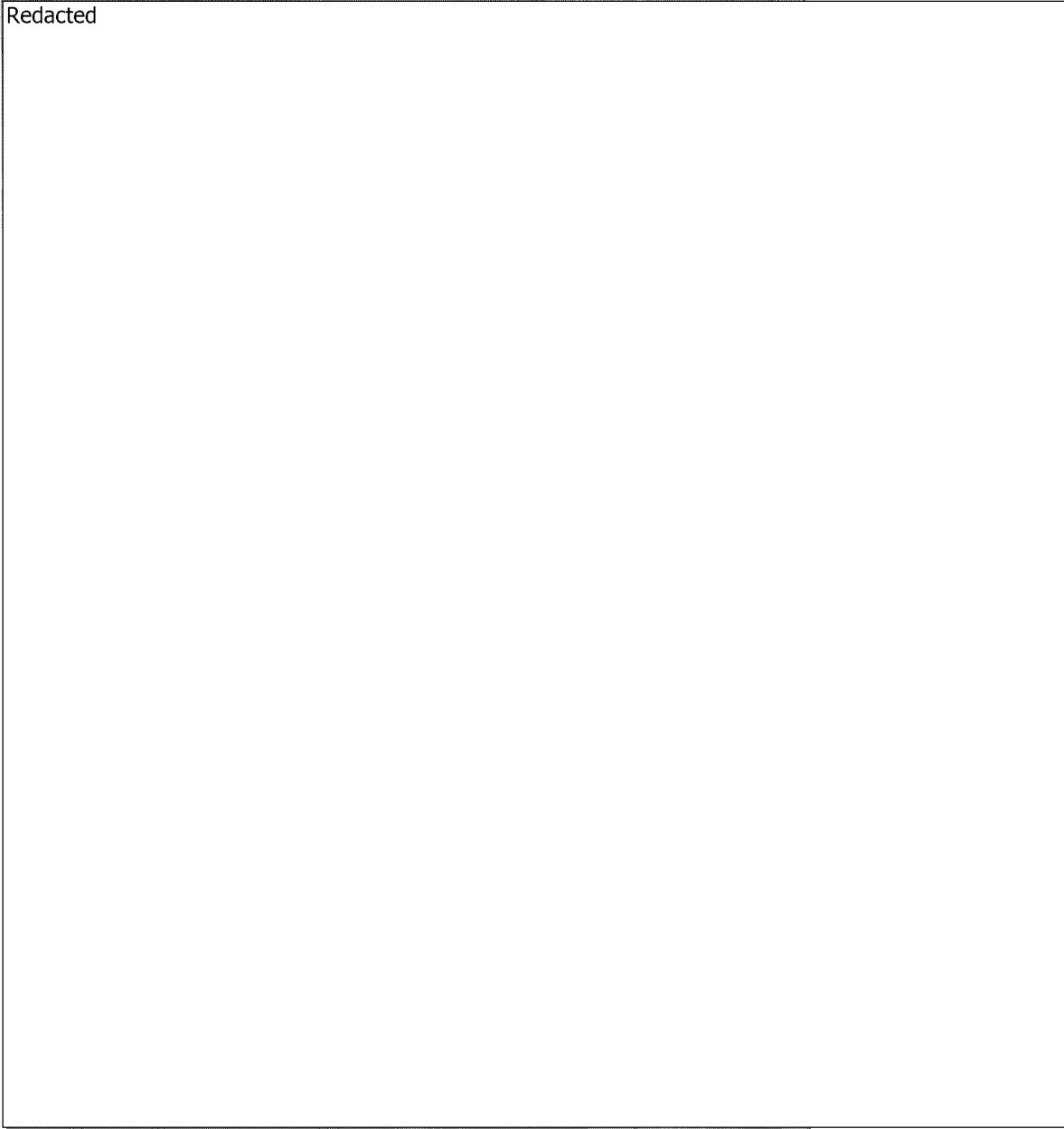


October 30, 2013

Purpose: Clarification of segment 100.3 as listed in the GIS system for Line 147.

In the Line 147 original pressure restoration filing in 2011, segment 100.3 was included in the MAOP Validation report; however, this 2 foot section of pipe was not subjected to the proposed pressure increase. This section is shown in the following 2011 version of the operating diagram. As indicated on the drawing the valve 0.00 on Line 147 was planned as the throttling valve to reduce pressure between the MAOP zones of 365 on Line 147 and 300 MOP on Lines 109 and 132. Gas would flow from the right to the left in line 147.

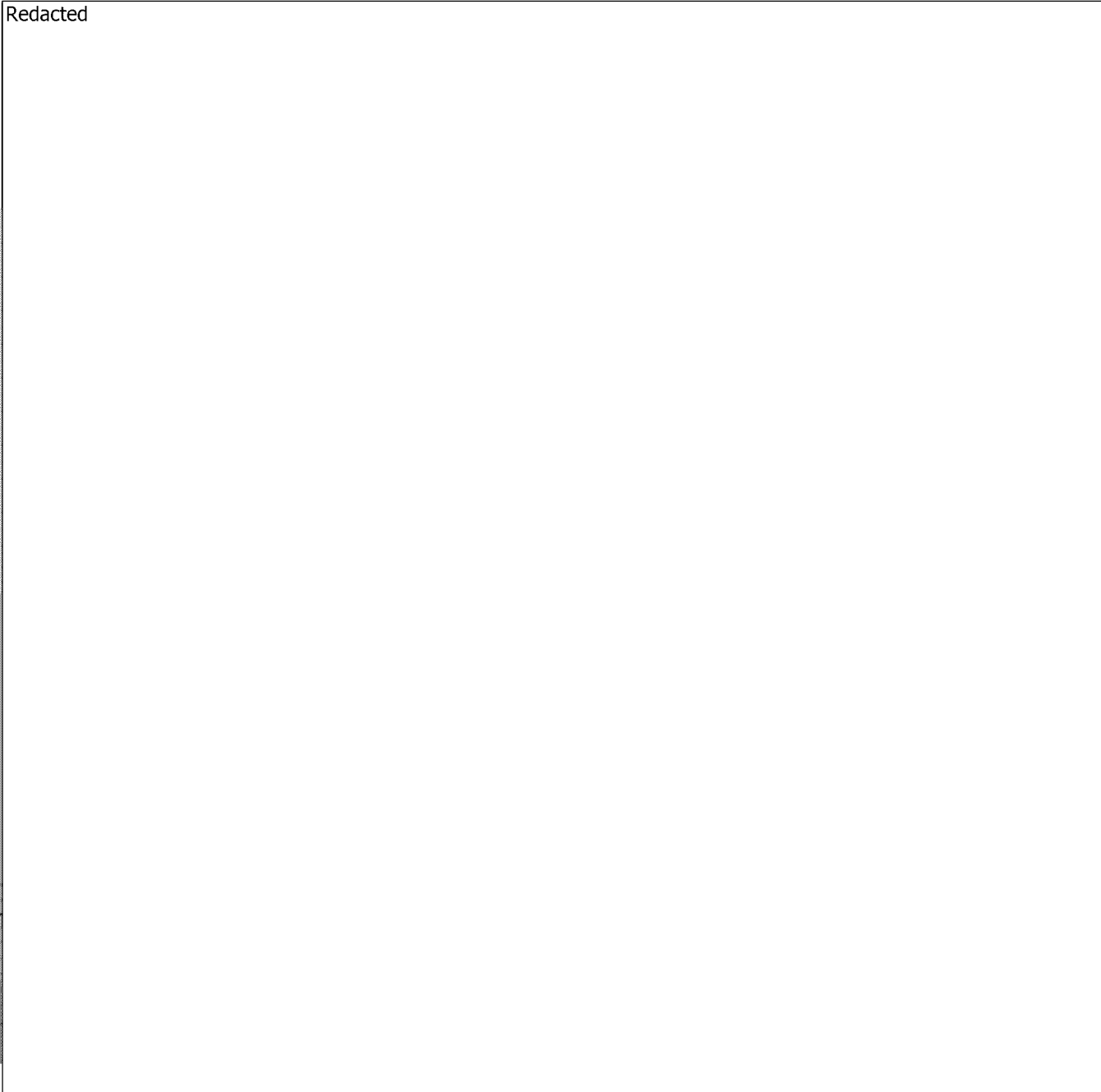
Redacted



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The current version of the Line 147 PFL does not include Segment 100.3 because it does not see the pressure changes on line 147 and there is a job in construction that has replaced this section of pipe. The current construction has completely rebuilt this station and nearly all of the pipe has been replaced.

Redacted




In the operating diagram above Valve 5, D, and 12 are all new, along with most of the other valves. Line 147 has effectively been shortened because there is now a regulator station (valves 6, 7,8,9,10 and 11) that is designed to reduce the pressure from Line 147 and supply the reduced pressure to Lines 109 and 132. At the end of this regulator station, (at valves 6 and 9), the pressure and MAOP will be reduced from 330 psi to 300 psi.

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The picture below shows the location of the equivalent pipe to Segment 100.3, (near valves 5 and D on the operating diagram above). However, you can tell from the pipe and valve coatings that these are all new pipe and valves.

Redacted



Redacted

Line 147 – MAOP

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Redacted

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