

## Evans Roger

---

**From:** [REDACTED]  
**Sent:** Friday, October 19, 2018 9:47 AM  
**To:** Evans Roger  
**Cc:** [REDACTED]  
**Subject:** Re: PLD18MR003 -- Merrimack -- Valves for Isolation on the night of the incident

Roger, per your request, please find the following responses to your questions.

1. Provide a brief description of the function of the valves they used to isolate the system. **The valves used to isolate the impacted system were the regulator station inlet valves at each of the 14 regulator stations serving the area.**
2. Did they Isolate regulators from high pressure? **Yes, the valves used isolated the regulator stations and the low pressure distribution system from high pressure.**
3. Did they isolate regulators from low pressure? **After all of the inlet valves were closed the outlet valves were closed in order to create double blocking of the low pressure distribution system from the high pressure system and isolation from the low pressure system.**
4. Did they use intermediate valves within the low pressure to isolate portions of the system? **No.**
5. Was it a combination of valve functions? **Please refer to the answers to questions 1-3.**

Rob Mooney  
VP, Engineering and Pipeline Safety  
NiSource, Inc.  
[REDACTED]

**From:** Evans Roger <roger.evans@ntsb.gov>  
**To:** [REDACTED]  
**Date:** 10/19/2018 07:51 AM  
**Subject:** PLD18MR003 -- Merrimack -- Valves for Isolation on the night of the incident

---