

POST INSPECTION MEMORANDUM

Inspector: Kuang Chu/WUTC/July 25, 2012

Reviewed: Joe Subsits/WUTC/July 26, 2012

Follow-Up Enforcement: One Violation

PCP* PCO* NOA WL LOC

Director Approval* _____

Date: July 25, 2012

Operator Inspected:
Northwest Pipeline Corp (WGP)

OPID: 13845 **Region:** Western

Unit Address:
606 South Oregon Avenue
Pasco, WA 99301

Unit Inspected: Pasco

Unit ID: 8385

Unit Type: Interstate

Inspection Type: I01 - Unit Inspection, I07 – IMP Field Verification & Follow-up, and I08 - OQ Protocol #9 Field Verification

Record Location: Pasco, WA

Inspection Dates: 6/25/2012 through 6/29/2012

AFOD: 5 (I01 – 4.0, I07 – 0.5, and I-08 – 0.5)

SMART Activity Number: 8385

Operator Contact: Chris Mason

Phone: 801-584-6689 **Fax:** 801-584-6344

Emergency: 800-972-7733

Unit Description:

The Pasco District extends from the 26” main line valve (MLV) 14-5 east of the Willard Compressor Station along the Columbia River gorge to the Plymouth LNG Plant, and the 20” line from the Plymouth LNG Plant to MLV 28-3W in Tri-Cities, and the Wenatchee lateral from Plymouth LNG Plant to Wenatchee. The Wenatchee lateral includes the following: a 10” and a 12” looped pipeline from Plymouth (MP 0.0) northwest to Prosser (MP 26.2), a 10” line from Prosser to Yakima (MP 71.9), a 8” line from Yakima to Alcoa Meter Station (MP 134.4), and a 6” line from Alcoa Meter Station to Wenatchee (MP 137.8). There are 2 compressor stations for the 26” line at Goldendale and Roosevelt, and a portable compressor station for the Wenatchee lateral at Zillah, approximately 20 miles to the southeast of Yakima. Class III locations for this district are in Kennewick and Yakima.

Facilities Inspected:

The inspection was conducted in Pasco office by using Inspection Assistant (IA). A total of 126 planned questions were answered. These questions included records, field inspections, field IMP verification and follow-up, and field OQ inspection. Field inspections included all three compressor stations at Goldendale, Roosevelt, and Zillah. A number of gas detectors and fire

eyes at the compressor stations were tested. Field visits were made to Plymouth Meter Station, anomaly dig site at MP 1121.25 for the 26" line in the Columbia River gorge, Kennewick Meter Station, Sunnyside Meter Station, Sulfur Creek span, Ellensburg Meter Station, and the hydrotest site in Yakima for the Wenatchee lateral.

Various mainline block valves were inspected and partially operated along the right-of-way. Many rectifiers were inspected and pipe-to-soil potentials were taken at the compressor stations and meter stations. A number of test points and road crossing casings were inspected along the right-of-way and pipe-to-soil potentials were taken.

Persons Interviewed:

Paul Fincher	District Manager
Jeremy Weaver	Senior Operations Technician
Chris Mason	Senior Engineer (Compliance)
Justin Reynolds	Pipeline Integrity Team Lead
Mike Neal	Pipeline Integrity Senior Specialist

Probable Violations/Concerns: One probable violation noted below.

1. **49 CFR §192.739 Pressure limiting and regulating stations: Inspection and testing.**
 - (a) *Each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment must be subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is-*
 - (4) *Properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.*

Finding(s):

The discharge pipe of power gas pressure relief valve at the Goldendale Compressor Station was found to be without a rain cap. The discharge pipe was open to the atmosphere in a vertical up position. Rain water may be collected in the valve and cause corrosion. The trapped rain water may be frozen in the winter and render the relief valve malfunction.

Recommendations:

Continue to inspect the district in accordance with normal inspection cycle.

Comments:

None.

Attachments:

Field Data Collection Form
Western Region Unit Information Form

Version Date: 5/5/08