

**POST INSPECTION MEMORANDUM**

**Inspector:** Kuang Chu/WUTC

**Reviewed:** David Lykken/WUTC

**Peer Review:** \_\_\_\_\_

**Follow-Up Enforcement:** No Violation

**PCP\* PCO\* NOA WL LOC**

**Director Approval\*** \_\_\_\_\_

**Date:** 6/1/2009

**Operator Inspected:**

Kelso-Beaver Pipeline Company  
c/o Cascade Natural Gas Company  
222 Fairview Ave N  
Seattle, WA 98109

**OPID:** 31522

**Region:** Western

**Unit Address:**

Cascade Natural Gas  
1332 Vandercook Way  
Longview, WA 98362

**Unit Inspected:**

**Unit ID:** 9775

**Unit Type:** Interstate Gas

**Inspection Type:** I01 Standard Inspection Report, I08-OQ Field Verification

**Record Location:**

Cascade Natural Gas  
1332 Vandercook Way  
Longview, WA 98362

**Inspection Dates:** June 1, 2009

**AFOD:** 1

**SMART Activity Number:**

**Operator Contact:** Keith Meissner, Manager, Safety & Compliance

**Phone:** (206)-381-6734 **Fax:** (206)-624-7215 **Emergency:** (800)-433-0252

**Unit Description:** The Kelso-Beaver (K-B) Pipeline is located in Cowlitz County, Washington. K-B Pipeline takes delivery of natural gas from the Williams Northwest Pipeline meter station located east of Kelso, Washington and extends west approximately 18 miles to Columbia County, Oregon. The pipeline crosses under the Columbia River north of the City of Longview, Washington. The pipeline is a 20-inch diameter, API 5L grade X52 material, with a nominal wall thickness of 0.281, 0.344, and 0.375-inches. The pipeline is jointly owned by Portland General Electric (PGE), U.S. Gypsum Company, and Northwest Natural Gas (NWN). The

K-B Pipeline has two customers located in Oregon at the PGE's Beaver generating station and U.S. Gypsum near Rainier, Oregon.

**Facilities Inspected:** This field inspection was to inspect the replacement of defective bolts for two 20" PBV valves on the mainline (KBV-2 & KBV-3). Several bolt failures have been reported due to excessive hardness of the bolting material. A representative from PBV was on site to instruct the Cascade Natural Gas crew on step by step procedures. The task was completed satisfactorily.

**Persons Interviewed:**

Keith Meissner      Manager, Safety & Compliance      (206)-381-6734  
Tom Wilson      District Manager      (509)-952-5682

**Probable Violations/Concerns:** No probable violations identified.

**Follow up on the history of prior offenses that are still open:**

Prior Offenses (for the past 5 years)		
CPF #	What type of open enforcement action(s)?	Status of the regulations(s) violated (Reoccurrence Offenses, Implement a NOA Revision, Completion of PCO or CO, and etc...)

**Recommendations:**

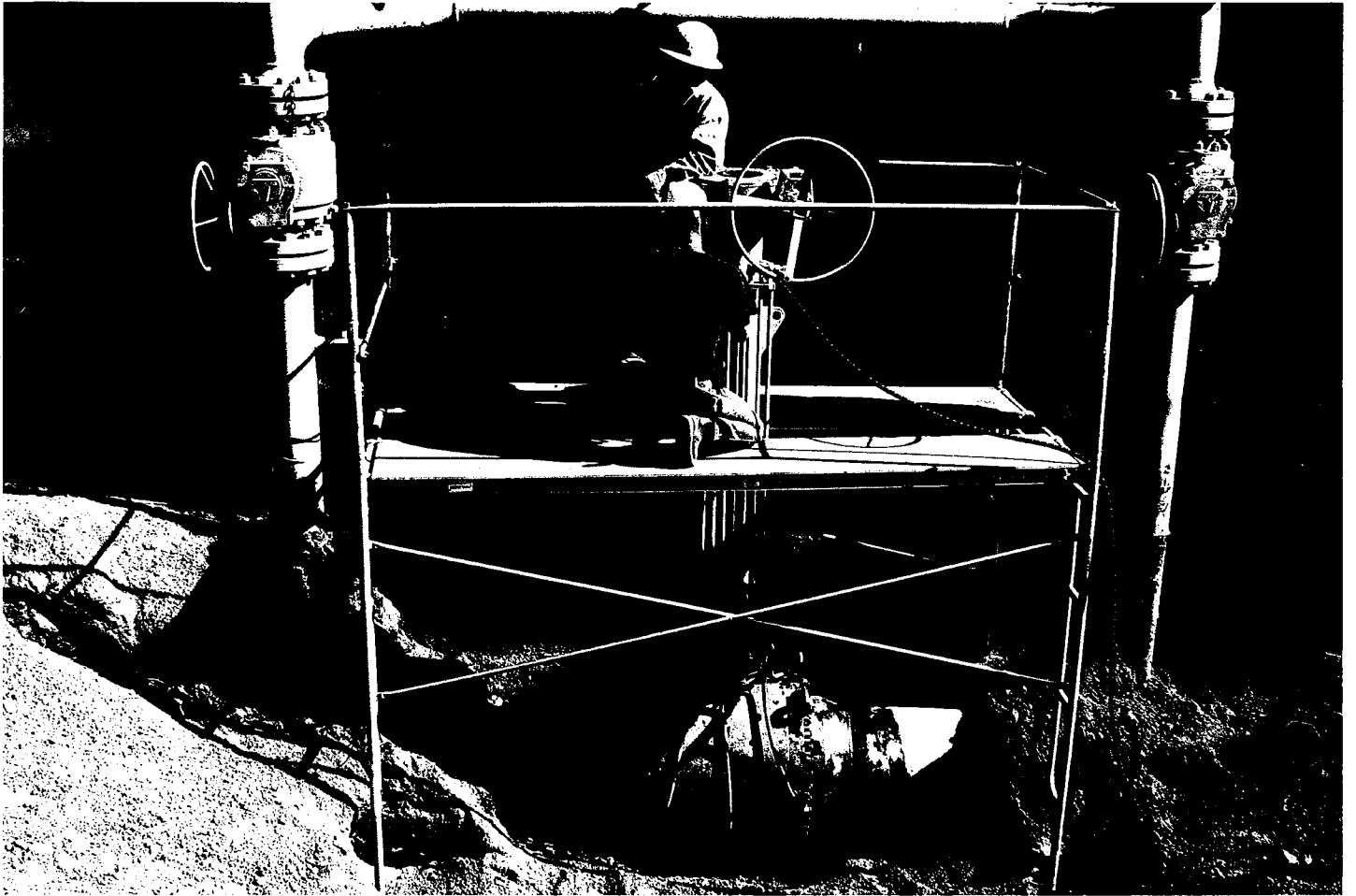
None

**Comments:**

None

**Attachments:**

- Two photos of the bolts replacement.



Cascade Natural Gas crew was working on the replacement of defective bolts for KBV-2 mainline valve.



The Cascade Natural Gas crew was removing defective bolts from KBV-2 mainline valve.