

**POST INSPECTION MEMORANDUM**

**Inspector:** Scott Rukke-UTC  
**Reviewed:** David Lykken-UTC  
**Peer Review:** \_\_\_\_\_  
**Follow-Up Enforcement:** No Violation  
PCP\* PCO\* NOA WL LOC  
**Director Approval\*** \_\_\_\_\_

**Date:** 11/17/2009

**Operator Inspected:** Williams Gas Pipeline

**OPID:** 13845

**Region:** Western

**Unit Address:**  
42612 East Christy Road  
P.O. Box 330  
Plymouth, WA 99346

**Unit Inspected:** Plymouth LNG

**Unit ID:** 1155

**Unit Type:** Liquefied Natural Gas Plant

**Inspection Type:** Standard

**Record Location:** On-site at above address

**Inspection Dates:** November 9 to 12, 2009

**AFOD:** 4

**SMART Activity Number:**

**Operator Contact:** Lauri Duncombe

**Phone:** (801) 584-6509

**Fax:** (801) 584-6988

**Emergency:** (800) 972-7733

**Unit Description:**

Liquefied Natural Gas Plant consisting of two storage tanks with a capacity of 348,000 bbl each and 90 feet tall. The liquefaction process consists of two, 6MMCFD cold towers, each operated as an integrated cascade loop system. The facility includes four vaporizers rated at 75MMCFD. LNG 1 was placed in operation in 1975 and LNG 2 was placed in operation in 1979. Both LNG system 1 and LNG system 2 share use of the four vaporizers. The facility is located approximately 45 minutes southwest of Pasco, Washington, west of Interstate 395 and south of Highway 82, in Plymouth, Washington. The Plymouth LNG facility uses an integrated cascade loop liquefaction process to produce and store LNG gas during the summer months as a peak shaving operation. The LNG can then be vaporized and injected into the pipeline during times of higher than normal demand. LNG boil off is re-injected into the pipeline.