

Huynh, Rhonda (UTC)

From: Hong, Darryl F <darryl.hong@pse.com>
Sent: Tuesday, April 01, 2014 3:22 PM
To: Huynh, Rhonda (UTC)
Cc: Subsits, Joe (UTC); McGrath, Cheryl A; Gas Compliance -- mail --; Woodard, Marina (UTC); Henderson, Duane A
Subject: PG-041624 Submittal- PSE's Wrapped Steel Services Assessment Program Annual Report
Attachments: WSSAP program update.pdf

Dear Rhonda,

Pursuant to docket PG-041624, please find attached a status report of PSE's Wrapped Steel Services Assessment Program through December 31, 2013.

If you have any questions please give me a call.

Thanks

Darryl Hong
Sr. Regulatory Compliance Analyst
Compliance Programs
425.462.3911 tel
425.462.3770 fax
425.766.3388 cell
355 110th Avenue NE EST-07W
Bellevue, Wa 98004

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April 1st, 2014

Washington Utilities & Transportation Commission
Pipeline Safety Section
1300 S. Evergreen Park Drive S.W.
PO Box 47250
Olympia, WA 98504-7250

Attn: Dave Lykken, Pipeline Safety Director

Subject: Wrapped Steel Services Assessment Program Annual Status (Docket PG-041624)

Dear Mr. Lykken,

Pursuant to Docket PG-041624 (Wrapped Steel Services Assessment Program Second Settlement Agreement (WSSAP)), Puget Sound Energy (PSE) is providing an Annual Status Report for the WSSAP Program. This status report includes information on WSSAP Service Mitigation as of December 31, 2013, WSSAP Service Mitigation Plan for 2014, and the Leak Status Report for 2013.

The following is a brief summary of each of the attachments.

WSSAP Mitigation as of December 31, 2013:

This table shows the number of services mitigated through the WSSAP Program through 2013 by mitigation category as well as the number of services mitigated through other activities such as bare steel main replacement, main relocates due to public improvement activities, service retirement, and additional records review.

As indicated in this table, PSE mitigated all but 2 of the 71 priority services by December 31, 2013. The two remaining priority services were mitigated early in January 2014. There are 84 remaining scheduled replacement services from the 2012 model run. Many are off of bare steel mains and are planned to be remediated in conjunction with the bare steel main replacement by the end of 2014.

WSSAP Mitigation Plan for 2014:

This table shows the number of priority and scheduled replacement services from the 2013 model run remaining to be mitigated as of January 1, 2014. PSE is targeting to mitigate all remaining priority services and all scheduled replacement services including those that are off of bare steel mains by the end of 2014.



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Leak Status Report for 2013:

The leak status report for 2013 shows the active leaks as well as the repaired leaks by cause for each mitigation category. It also shows that the number of leaks discovered on services in each of the mitigation categories since the program began in 2007. In 2013, there was one service with a leak repaired in both the Priority and Scheduled Replacement Categories. There was a slight increase in the percent of leaks discovered for the Increased Leak Survey and Standard Mitigation Categories. While there was a slight increase in 2013 from 2012, the number remained significantly lower than the first 3 years of the program.

The WSSAP program is included in PSE's Distribution Integrity Management Program (DIMP) as well as PSE's Pipeline Replacement Program Plan (PRP Plan). In accordance with the WSSAP program, PSE will replace Priority and Scheduled replacement services identified by the annual model run. As indicated in the PRP Plan, PSE will also replace WSSAP vintage services with an elevated risk based on continual improvement of risk knowledge.

If you have any questions regarding this report, please contact me at 425-462-3207.

Sincerely,

Cheryl McGrath
Manager of Compliance Programs



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P.O. Box 97034
Bellevue, WA 98009-9734
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WSSAP Mitigation as of December 31, 2013

Mitigation Category	2012 Model Results	Remaining as of January 1, 2013	Mitigated Through WSSAP	Other Mitigation	Total Mitigation	Pending Mitigation/ Remaining in Category
Priority	71	53	48	3	51	2*
Scheduled Replacement	211	123	15	24	39	84
Increased Leak Survey	22,372	NA	45	30	75	NA
Standard Mitigation	66,698	NA	30	31	61	NA
Subtotal	89,352	176	138	88	226	86

* The 2 remaining priority services were mitigated in early January 2014.



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WSSAP Mitigation Plan for 2014

Mitigation Category	2013 Model Results	Remaining as of January 1, 2014	2014 Target
Priority	36	20	20
Scheduled Replacement	187	62	62
Increased Leak Survey	22,281	NA	NA
Standard Mitigation	66,724	NA	NA
Subtotal	89,228	82	82



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Leak Status Report for 2013 –

Mitigation Category	# Active Leaks	# Repaired Leaks by Cause	# Leaks Discovered in 2013	% of Services with Leaks Discovered						
				2013	2012	2011	2010	2009	2008	2007
Priority	0	1 – Corrosion	1	1.41%	0	0	0	2.83%	8.3%	0.97%
Scheduled Replacement	0	1 – Material or Welds	1	0.47%	0	0	0	0.47%	0.26%	0.53%
		4 – Excavation								
		5 – Corrosion								
		1 – Material or Welds								
		2 – Other								
		3 – Equipment								
		4 – Outside Force Damage								
		2 – Non exposed pipe								
Increased Leak Survey	5	21 – Total	26	0.12%	0.07%	0.12%	0.09%	0.2%	0.13%	0.41%
		1 – Outside Force Damage								
		6 – Corrosion								
		9 – Excavation								
		3 – Equipment								
		3 – Material or Welds								
		1 – Operations								
		6 – Non exposed pipe								
Standard Mitigation	7	29 – Total	36	0.05%	0.04%	0.05%	0.07%	0.10%	0.07%	0.19%