

Inspection Output (IOR)

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Report Filters

Assets 8626 PSE King County West / PSE King West

Results All

Inspection Information

Inspection Name	8626 PSE Standard King County West	Operator(s)	PUGET SOUND ENERGY (22189) Lead Anthony DorrOUGH Supervisor Dennis Ritter Director Scott Rukke	Plan Submitted	11/16/2023
Status	PLANNED			Plan Approval	11/21/2023 by Dennis Ritter
Start Year	2023			All Activity Start	08/28/2023
System Type	GD			All Activity End	11/08/2023
Protocol Set ID	WA.GD.2023.01			Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This was a 2023 PSE Standard West King County district unit standard inspection conducted in August, September, October and November, the last inspection of this unit was in 2020 with 1 NOPV and 1 area of concern. This inspection reviewed reporting records, maintenance and operations, cathodic protection, MAOP and field inspection of operator assets. The records portions were reviewed via MS TEAMS online. Field assets visited were noted in a Form-R MS Word document with some attachments located in the PHMSA IA inspection.

Facilities visited and Total AFOD: 11

(Records - 6 AFODS)

Mon Aug 28 - Public Awareness & Damage Prevention

Tue Aug 29 - Pressure Control

Wed Aug 30 - Compliance

Thu Aug 31 - Overflow, Public Awareness

Wed Oct 10 - Emergency Preparedness & Response

Mon Oct 16 - Maintenance Programs, Records Exit Interview

(Field - 5 AFODS)

Wed Sep 13 - Cathodic Protection

Thu Sep 14 - GFR & PI

Tue Sep 19 - Pressure Control

Wed Sep 20 - Pressure Control

Wed Nov 8 - LP & H2RL, Final Exit Interview

Summary of Significant Findings

There were no significant findings or areas of concern.

Primary Operator contacts and/or participants

Justin Wahlborg	Sr Compliance Program Manager	Compliance Programs	justin.wahlborg@pse.com	(253) 234-6417			
Cameron Williams	Sr Regulatory Compliance Analyst	Corporate Compliance Support	cameron.williams@pse.com	(425) 424-6596			
Jennifer Kauhane	Public Safety Program Manager	Damage Prevention, Public Safety & Emerg	jennifer.kauhane@pse.com	(425) 457-5594	28-Aug	Public Awareness	Records
Cheryl McGrath	Mgr Damage Prevention and Public Safety	Damage Prevention, Public Safety & Emerg	cheryl.mcgrath@pse.com	(206) 604-3221	28-Aug	Public Awareness	Records
Erika Hunter	Supv Damage Prevention	Damage Prevention	Erika.Hunter@pse.com	(425) 456-2854	28-Aug	Damage Prevention	Records
Georgia Savoy	Resource Coordinator	Pressure Ctrl North	georgia.savoy@pse.com	(206) 276-1480	29-Aug	Pressure Control	Records
Debbie Larsen	Supv Corrosion Control	Corrosion Ctrl North	debbie.larsen@pse.com	(206) 716-2673	28-Aug	Corrosion Control	Records
David Wooten	Supv Alternative Fuels	Alternative Fuels	David.Wooten@pse.com	(425) 505-3442	29-Aug	Pressure Control	Records
Shanon Gilley	Resource Coordinator	Pressure Ctrl South	Shanon.Gilley@pse.com	(206) 716-2692	29-Aug	Pressure Control	Records
Joe MacDuff	Supv Pressure Control	Pressure Ctrl North	Joe.Macduff@pse.com	(206) 716-2781	29-Aug	Pressure Control	Records
Carrie Keating	Supv Engineering	Gas Stds & Commodities	Carrie.Keating@pse.com	(425) 424-7804	29-Aug	Standards	Records
Andy Whitaker	Consulting Engineer	Standards Engineering	Andy.Whitaker@pse.com	(425) 424-7817	29-Aug	Standards	Records
Cameron Williams	Sr Regulatory Compliance Analyst	Corporate Compliance Support	cameron.williams@pse.com	(425) 424-6596	30-Aug	Compliance	Records
Justin Wahlborg	Sr Compliance Program Manager	Compliance Programs	justin.wahlborg@pse.com	(253) 234-6417	30-Aug	Compliance	Records
Derek Koo	Supv Engineering	Gas System Engineering	derek.koo@pse.com	(425) 424-7813	30-Aug	Engineering	Records
David Oliver	Sr Engineer	Gas System Engineering	David.Oliver@pse.com	(903) 316-1988	30-Aug	Engineering	Records
Bill Johnson	Corrosion Control Tech III	Corrosion Ctrl North	bill.johnson@pse.com	(206) 571-8519	13-Sep	Corrosion Control	Field
Bobby Bryan	Corrosion Control Tech III	Corrosion Ctrl North	Bobby.Bryan@pse.com	(253) 722-8796	13-Sep	Corrosion Control	Field
John Rockford	Corrosion Control Tech III	Corrosion Ctrl North	john.rockford@pse.com	(206) 255-2704	13-Sep	Corrosion Control	Field
Patrick Shuck	Corrosion Control Tech I	Corrosion Ctrl North	Patrick.Shuck@pse.com	(206) 730-3874	13-Sep	Corrosion Control	Field
Peggy Doyle	Customer Field Service Technician	GFR Georgetown	Peggy.Doyle@pse.com	(253) 405-3849	14-Sep	GFR	Field

Tim Peterson	PI Inspector	GFR Georgetown	Tim.Peterson@pse.com	(206) 375- 3930	14-Sep	GFR	Field
Greg Bonn	Pressure Control Technician	Pressure Ctrl North	gregory.bonn@pse.com	(206) 793- 7252	9/20- 9/21	Pressure Control	Field
Stephen Gray	Pressure Control Technician	Pressure Ctrl North	stephan.gray@pse.com	(425) 754- 8039	9/20- 9/21	Pressure Control	Field
Bob Beal	Pressure Control Technician	Pressure Ctrl North	robert.beal@pse.com	(206) 793- 7252	9/20- 9/21	Pressure Control	Field
Matthew Morris	Pressure Control Technician	Pressure Ctrl North	Matt.Morris@pse.com	(206) 375- 3931	9/20- 9/21	Pressure Control	Field
Joe MacDuff	Supv Pressure Control	Pressure Ctrl North	Joe.Macduff@pse.com	(206) 716- 2781	9/20- 9/21	Pressure Control	Field
Jeff Anderson	Sr. Engineer	Gas Field Engineering & Innovation	Jeff.Anderson2@pse.com	(425) 417- 1764	11-Oct	Engineering	Records
Randy Busch	Supv Engineering	Gas Field Engineering & Innovation	Randy.Busch@pse.com	(206) 716- 2741	11-Oct	Engineering	Records
Cheryl Stave	Sr Engineering Specialist	Maintenance Programs	Cheryl.Stave@pse.com	(425) 449- 7552	16-Oct	Maintenance Programs	Records
Courtney Isbell	Engineering Specialist	CnstrPerf(SKng,SSea,Prc,Thstn,Lws)	Courtney.Isbell@pse.com	(253) 617- 6028	16-Oct	Maintenance Programs	Records
Kelli Hiltner	Supv Maintenance Programs	Maintenance Programs	kelli.hiltner@pse.com	(425) 356- 7523	16-Oct	Maintenance Programs	Records
Richard Noyola	Engineering Specialist	Maintenance Programs	Richard.Noyola@pse.com	(425) 358- 0604	16-Oct	Maintenance Programs	Records
Tania Klippert	Mgr Gas System Operations	Gas System Operations	tania.klippert@pse.com	(425) 882- 4653	16-Oct	Maintenance Programs	Records
John Klippert	Mgr Construction Management	Construction Perf Mgmt	john.klippert@pse.com	(206) 517- 3421	16-Oct	Maintenance Programs	Records
Jennifer Bergman	Engineering Specialist	CnstrPerf(SKng,SSea,Prc,Thstn,Lws)	Jennifer.Bergman@pse.com	(253) 617- 6012	16-Oct	Maintenance Programs	Records

Operator executive contact and mailing address for any official correspondence

Dan Koch, Vice President of Operations, PSE, (425) 301-8778

355 110th Ave NE, Bellevue WA 98004

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	PSE King West	8626 PSE King County West	unit	--	Storage Fields Bottle/Pipe - Holders Offshore GOM OCS	145	145	145	145	100.0%

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
					Cast or Ductile Iron Aluminum/Amphoteric					

1. Percent completion excludes unanswered questions planned as "always observe".

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	PSE King West	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, P, R, O, S GENERIC	114, P, R, O, S	Detail	--

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Asset Types	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	PSE West King Records	--	08/28/2023	09/16/2023	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, GENERIC	all assets	P, R	88	88	88	88	100.0%
2	PSE West King Field 1	--	09/13/2023	09/14/2023	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, GENERIC	all assets	O	57	57	57	57	100.0%
3	PSE West King Field 2	--	09/18/2023	11/08/2023	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, GENERIC	all assets	O	57	57	57	57	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.

2. Percent completion excludes unanswered questions planned as "always observe".

3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

This inspection has no Form data entry.

Results (all values, 145 results)

160 (instead of 145) results are listed due to re-presentation of questions in more than one sub-group.

AR.PTI: Integrity Assessment Via Pressure Test

- Question Result, ID, [Sat, AR.PTI.EQUIPCALIB.O](#),
References

Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*

Assets Covered **PSE King West**

Result Notes **Staff verified all test gauges used were calibrated.**

2. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **PSE King West**
 Result Notes **No such activity/condition was observed during the inspection.**

AR.RCOM: Repair Criteria (O and M)

3. Question Result, ID, References **NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489)**
 Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
 Assets Covered **PSE King West**
 Result Notes **No such activity/condition was observed during the inspection.**

AR.RMP: Repair Methods and Practices

4. Question Result, ID, References **Sat, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))**
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered **PSE King West**
 Result Notes **Observed and verified by staff during field portion, all vaults were tested with CGI.**
5. Question Result, ID, References **Sat, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a), 192.725(b))**
 Question Text *From the review of records, did the operator properly test disconnected service lines?*
 Assets Covered **PSE King West**
 Result Notes **PSE doesn't disconnect services they replace them when they can and retests the entire service if there is a dig in.**

- Leak Notification - NO1309015 - 7704 23rd Ave NW - Seattle - Tested 7/11/21 100psi 20min
- Leak Notification - NO132016 - 9242 26th Ave SW - Seattle - Tested 8/6/21 105psi 17min
- Leak Notification - NO139983 - 18016 5th Ave NE - Seattle - Tested 9/21/22 108psi 15min
- Leak Notification - NO141906- 6007 48th Ave SW - Seattle - Tested 11/7/22 100psi 2hr
- Leak Notification - NO144010- 102 NE 3rd - Seattle - Tested 2/9/23 112psi 15min
- Leak Notification - NO145994- 5238 37th Ave NE - Seattle - Tested 3/13/23 100psi 15min

DC.CO: Construction

6. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c))**
 Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*
 Assets Covered **PSE King West**
 Result Notes **Located in GOS 2700.1700 - Have not qualified any new Butt-fusion procedures.**
7. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))**
 Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?*
 Assets Covered **PSE King West**
 Result Notes **Verified in OQ audit this year.**
8. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTINSR.R, 192.287 (192.807(a), 192.807(b))**

Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*

Assets Covered PSE King West

Result Notes CTS 1003.01 - Jeffery L. Andersen (verified)

9. Question Result, ID, References Sat, DC.CO.PLASTICPIPEPROC.O,

Question Text *Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying handling, storage and installation.

10. Question Result, ID, References Sat, DC.CO.PLASTICWEAKLINK.O, 192.329(b) (192.376(b), 192.303)

Question Text *Do field observations confirm plastic lines and plastic service lines are being installed using a "weak link" (as defined by §192.3) to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying installation using weak links.

11. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.R,

Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*

Assets Covered PSE King West

Result Notes Located in GOS 2525.1700 - Underground Clearances 6.6 2

Verified foreman's signatures on const. records which indicates proper separation was achieved, there was no joint-trench work performed.

12. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.O,

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying minimum separation.

13. Question Result, ID, References Sat, DC.CO.PLASTICBACKFILL.O,

Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying properly buried plastic pipe.

14. Question Result, ID, References NA, DC.CO.PLASTICSQUEEZING.O,

Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

DC.WELDPROCEDURE: Construction Welding Procedures

15. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))

Question Text *Do records indicate weld procedures are being qualified in accordance with 192.225?*

Assets Covered PSE King West

Result Notes Located in GOS 2700.1200, and 2700.1400

PSE is having difficulty finding low grade pipe, so they have upped the procedure for stronger pipes. PSE hasn't qualified a new procedure in 12 years.

The X65 procedure was the latest qualified (2017).

16. Question Result, ID, References Sat, DC.WELDPROCEDURE.ONSITE.O,
Question Text *Are qualified written welding procedures located onsite where welding is being performed?*
Assets Covered PSE King West
Result Notes Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying welding procedures were located onsite.
17. Question Result, ID, References Sat, DC.WELDPROCEDURE.ESSENTIAL.R,
Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*
Assets Covered PSE King West
Result Notes Reviewed selected welder requalification documents.
18. Question Result, ID, References Sat, DC.WELDPROCEDURE.ESSENTIAL.O,
Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*
Assets Covered PSE King West
Result Notes Staff has observed crew inspections for this unit throughout the year with results verifying documentation of essential variables.

DC.DPC: Design of Pipe Components

19. Question Result, ID, References Sat, DC.DPC.FLANGE.R, 192.147(a) (192.147(b), 192.147(c))
Question Text *Do records indicate flanges and flange accessories meet the requirements of 192.147?*
Assets Covered PSE King West
Result Notes Reviewed selected flange purchase orders.
20. Question Result, ID, References Sat, DC.DPC.FLANGE.O, 192.141 (192.147(a), 192.147(b), 192.147(c))
Question Text *Do flanges and flange accessories meet the requirements of 192.147?*
Assets Covered PSE King West
Result Notes Staff observed at selected locations during the field portion of the audit that randomly selected flanges and accessories met the requirements.
21. Question Result, ID, References Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))
Question Text *Are distribution line valves being installed as required of 192.181?*
Assets Covered PSE King West
Result Notes Staff observed at selected locations during the field portion of the audit that all regulator station inlet/outlet valves were operated and installed as required.

DC.MO: Maintenance and Operations

22. Question Result, ID, References Sat, DC.MO.MAOPLIMIT.O, 192.605(b)(5)
Question Text *During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?*
Assets Covered PSE King West
Result Notes Staff observed at selected locations during the field portion of the audit that at all regulator stations observed pressure limitations were not exceeded as required.

DC.MA: Materials

23. Question Result, ID, References **Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))**
 Question Text *Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?*
 Assets Covered **PSE King West**
 Result Notes **Staff observed at selected locations during the field portion of the audit that all pipe, valves and fittings were properly marked as required.**

DC.METERREGSVC: Meters, Service Regulators, and Service Lines

24. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))**
 Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with documented results verifying properly located meters and service regulators.**
25. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 (192.355(a), 192.355(b), 192.355(c))**
 Question Text *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with results verifying meters and service regulators being protected from damage as required.**
26. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))**
 Question Text *Based on the meters and service regulators observed being installed, are the installations consistent with the requirements of §192.357?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with results verifying meters and service regulator installations consistent with requirements.**
27. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 (192.359(a), 192.359(b), 192.359(c))**
 Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with results verifying meter operating pressures were subjected to at least minimum test pressure requirements.**
28. Question Result, ID, References **Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))**
 Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with results verifying customer service lines installed as required.**
29. Question Result, ID, References **Sat, DC.METERREGSVC.SVCLINEVLLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a), 192.365(b), 192.365(c))**
 Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*
 Assets Covered **PSE King West**
 Result Notes **Staff has performed numerous crew inspections for this unit throughout the year with results verifying customer service lines installed as required.**
30. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))**
 Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*
 Assets Covered **PSE King West**
 Result Notes **No such activity/condition was observed during the inspection.**

31. Question Result, ID, [Sat, DC.METERREGSVC.SVCLINEMATERIAL.O](#), 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c),
References [192.375\(a\), 192.375\(b\), 192.377](#))
Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*
Assets Covered [PSE King West](#)
Result Notes [Staff has performed numerous crew inspections for this unit throughout the year with results verifying customer service lines installed as required.](#)
32. Question Result, ID, [Sat, DC.METERREGSVC.NEWSVCLINENOTUSED.O](#), 192.351 (192.379, 192.379(a), 192.379(b),
References [192.379\(c\)](#))
Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*
Assets Covered [PSE King West](#)
Result Notes [Staff has performed numerous crew inspections for this unit throughout the year with results verifying customer service lines installed as required with isolation valves and mechanical flow prevention.](#)
33. Question Result, ID, [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O](#), 192.351 (192.381(c), 192.381(d), 192.381(e))
References
Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
Assets Covered [PSE King West](#)
Result Notes [Staff has performed numerous crew inspections for this unit throughout the year with results verifying excess flow valves installed as required.](#)
34. Question Result, ID, [Sat, DC.METERREGSVC.REGTEST.R](#),
References
Question Text *Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?*
Assets Covered [PSE King West](#)
Result Notes [Looked over GOS 4550.1010 & 4550.1020](#)
- [Reviewed Form 3786, and Form 2415 from meter shop \(meter info tag\)](#)
- [Reviewed the following Meter Tickets:](#)
- [Meter #1386259 - 3245 SW Westbridge PL - Seattle - \(2021\)](#)
- [Meter #1402721 - 11805 12th Ave S - Burien - \(2021\)](#)
- [Meter #143188 - 16823 1st PL S - Burien - \(2022\)](#)
- [Meter #1413925 - 2218 SW 103rd PL - Seattle - \(2022\)](#)
- [Meter #1461526 - 19247 Ashworth Ave N - Shoreline - \(2023\)](#)
- [Meter #1460361 - 431 SW 101st PL - Seattle - \(2023\)](#)
35. Question Result, ID, [Sat, DC.METERREGSVC.REGTEST.O](#),
References
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered [PSE King West](#)
Result Notes [Staff has performed numerous crew inspections for this unit throughout the year with results verifying service regulators operated, maintained, installed and tested as required.](#)

DC.PT: Pressure Testing

36. Question Result, ID, [Sat, DC.PT.PRESSTESTPLASTIC.R](#), 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))
References
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*
Assets Covered [PSE King West](#)

Result Notes Located in GOS 2525.3300 - 4-4.1.2

Reviewed selected crew inspections for this unit and throughout the year while in the field.

37. Question Result, ID, References Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.511?*

Assets Covered PSE King West

Result Notes Reviewed the following records:

312 NE 58th St B - Seattle - 6/14/21 102lbs

2012 Bigelow Ave N - Seattle - 1/21/21 110psi

6400 15th Ave NW - Seattle - 7/22/22 98lbs

9221 26th Ave NW - Seattle - 2/7/22 102lbs

2708 1st Ave W - Seattle - 5/1/23 100lbs

3329 York Rd S - Seattle - 100lbs 5/3/23

DC.PTLOWPRESS: Pressure Testing - Low Pressure

38. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*

Assets Covered PSE King West

Result Notes Located in GOS 2525.3300

JB# 107057989 - 6353 NE 61st ST - Seattle - 104lbs (11hrs) on 1/5/20

JB# 892055566 - 5795 S 130 PL - Tukwila - 464.2lbs (1hr 15min) on 10/30/20

39. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)?*

Assets Covered PSE King West

Result Notes JB#107050663 - 8-inch MPE ST IP Main Ext - 1301 5th Ave - Seattle

Section - 90lbs (2/14/20-2/16/20) 7hrs

Section - 119lbs (5/12/20-5/13/20) 4hrs

Section - 110lbs (7/20/20-7/21/20) 17hrs

EP.ERG: Emergency Response

40. Question Result, ID, References Sat, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)

Question Text *Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?*

Assets Covered PSE King West

Result Notes Leak Ticket N0129003

6820 Fremont Ave N

Plat 181.068D Installed 1976

Field completion 2/25/2020 -Date recovered 3/23/20 - Date submitted to WUTC 4/6/2020

Leak Ticket N0129011

1119 N 78th St

Plat 180.069 Installed 1973

Field completion 2/6/2020 -Date recovered 2/25/21 -Date submitted to WUTC 2/3/2021

Leak ticket N0129162

2024 S Ingersoll Pl

Plat 193.072D Installed 1974

Field completion 4/21/2020 -Date recovered 2/9/2021 -Date submitted to WUTC 2/12/21

Leak Ticket N0129575

4018 Delridge Way SW

Plat 187.067A Installed NR

Field completion 7/24/2020 -Date recovered 1/4/2021 -Included with Annual Review Report

Leak Ticket N0130062

6518 Dayton Ave

Plat 181.0678E Installed 1978

Field completion 11/11/2020 -Date recovered 1/25/21 -Date submitted to WUTC 2/3/2021

Leak Ticket N0127821

4418 S Othello St

Plat 201.0775A Installed 1962

Field completion 2/26/2021 -Date recovered 9/9/21 -Included with Annual Review Report

Leak Ticket N0130515

8021 Stroud Ave n

Plat 180.069 Installed 2008

Field completion 3/25/2021 -Date recovered 5/24/21 -Date submitted to WUTC 6/7/2021

Leak Ticket N0134597

7001 Perimeter Rd S #8

Plat 200.072F Installed 1975

Field completion 1/28/2022 -Date recovered 5/17/2022 - Date submitted to WUTC 1/13/2023

Leak Ticket N0139971

1932 10th Ave E

Plat 187.071C Installed 2000

Field completion 9/20/2022 -Date recovered 10/20/2022 - Date submitted to WUTC 2/17/2023

Leak Ticket N0140919

10016 14th Ave SW

Plat 204.068 Installed 1981

Field completion 10/29/2022 -Date recovered 12/15/2022 -Included with Annual Review Report

41. Question Result, ID, References Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))
Question Text *Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?*
Assets Covered PSE King West
Result Notes Reviewed training initiated as result of the Midvale incident in 2019.
42. Question Result, ID, References Sat, EP.ERG.POSTEVTREVIEW.R, 192.605(a) (192.615(b)(1), 192.615(b)(3))
Question Text *Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?*
Assets Covered PSE King West
Result Notes Reviewed RPE meetings and agenda for 2/23/23, 6/28/22, 3/20/21 and lessons learned.
43. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PD.PA)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered PSE King West
Result Notes Municipal Liaison Manager (MLM) sends out a mailing insert each year in Feb. There were no records to review, they don't currently keep records of meetings with specific officials located in this unit (West King) unless there is a specific project.

FS.FG: Facilities General

44. Question Result, ID, References NA, FS.FG.VAULTINSPECT.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))
Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*
Assets Covered PSE King West
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
45. Question Result, ID, References NA, FS.FG.VAULTINSPECT.O, 192.749(a) (192.749(b), 192.749(c), 192.749(d))
Question Text *Are inspections of selected vaults with internal volume =200 cubic feet (5.66 cubic meters) housing pressure regulating/limiting equipment adequate?*
Assets Covered PSE King West
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
46. Question Result, ID, References Sat, FS.FG.CASINGTESTLEAD.R,

Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*

Assets Covered PSE King West

Result Notes Located in GOS 2525.1900 - Casing Requirements - Operator meets requirements

47. Question Result, ID, References Sat, FS.FG.CASINGSEALS.R,

Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*

Assets Covered PSE King West

Result Notes Located in GOS 2525.1900 - Casing Requirements - No new casings have been installed during this audit period.

48. Question Result, ID, References Sat, FS.FG.CASING.O,

Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*

Assets Covered PSE King West

Result Notes All casings observed met requirements.

49. Question Result, ID, References Sat, FS.FG.CASESEAL.O,

Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*

Assets Covered PSE King West

Result Notes All casings observed met requirements.

MO.GOMAOP: Gas Pipeline MAOP

50. Question Result, ID, References Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))

Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*

Assets Covered PSE King West

Result Notes Limited by operating records in 5-year window and some pipelines are pre-code

Reviewed the following:

JB# 107058376 - 2-inch MPE IP Main Extension - 14307 35th Ave NE - Seattle 6/1/20

JB# 107059062 - 2-inch MPE IP Main Extension (3 units) - 1931 10th Ave W - Seattle 5/13/20

MO.GM: Gas Pipeline Maintenance

51. Question Result, ID, References Sat, MO.GM.ABANDONPIPE.R, 192.709(c) (192.727(a), 192.727(b), 192.727(c), 192.727(d), 192.727(e), 192.727(f), 192.727(g))

Question Text *Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?*

Assets Covered PSE King West

Result Notes Reviewed the following projects:

JB# 108623479 329 N 103rd St -Seattle 1/8/21

JB# 108633030 2612 45th Ave SW - Seattle 12/16/21

JB# 108637122 1230 NW 121st - Seattle 8/19/22

JB# 3002048035 4746 20th Ave NE - Seattle 10/11/22

JB# 108642593 615 NE 55th St- Seattle 4/28/23

JB# 108638823 3616 NE 110th -Seattle 3/17/23

52. Question Result, ID, References Sat, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))
Question Text *Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?*
Assets Covered PSE King West
Result Notes Located in GOS 4700.1300

There were no records to point to during this audit period, just basic safety steps that were adhered to, however discussed Midvale Incident and corrective actions taken afterwards.
53. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))
Question Text *Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*
Assets Covered PSE King West
Result Notes Reviewed selected Emergency Section Valve, Regulator Inlet Valve, Service Valve/Curb Valve records for the audit period.
54. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
Question Text *Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
Assets Covered PSE King West
Result Notes Staff observed at selected locations during the field portion of the audit that all regulator station inlet/outlet valves were operated and installed as required.
55. Question Result, ID, References Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756)
Question Text *Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*
Assets Covered PSE King West
Result Notes Reviewed following records:

28 Machine RM06 Calibration date 7/9/21 due 11/15/21

Tool Watch WO 59719 28 Machine RM06 (Oil change) 9/1/21

Tool Watch WO 71854 28 Machine RM05 (oil & filter change) 10/4/22

Tool Watch WO 56338 28 Machine RM05 (Oil & filter changer 4/5/22

Connectra CQ-03

CQ -09 7/23/121

CQ-07 8/19/21

CQ-05 8/23/21,

Tool Watch WO 71124 CQ-05 9/1/22

Electrofusion Processor serial# S160P6735711 calibration 9/6/22
56. Question Result, ID, References Sat, MO.GM.EQUIPPLASTICJOINT.O, 192.756

Question Text *Is proper maintenance being performed on equipment used in joining plastic pipe by heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with results verifying proper maintenance as required.

57. Question Result, ID, References NA, MO.GM.MOVEANDLOWER.R,

Question Text *Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.
Located in GOS 2525.3500 - Moving or lowering gas pipelines - There were no instances of lowering or moving any existing pipeline during this audit period.

58. Question Result, ID, References NA, MO.GM.MOVEANDLOWERSURVEY.R,

Question Text *Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

59. Question Result, ID, References Sat, MO.GM.ONSITEPROCS.O,

Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the year with results verifying procedures were located onsite, each foreman and qualified fitter has access to online procedures through their phone or laptop computer.

MO.GOODOR: Gas Pipeline Odorization

60. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))

Question Text *Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?*

Assets Covered PSE King West

Result Notes Reviewed selected Odorant test site reads for the audit time period.

61. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))

Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*

Assets Covered PSE King West

Result Notes Instrument calibration was checked just before the field audit and before entry staff observed CGI of all the vaults we visited.

MO.GO: Gas Pipeline Operations

62. Question Result, ID, References NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))

Question Text *Are lines being purged in accordance with 192.629?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

63. Question Result, ID, References Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)

Question Text *Have annual reviews of the written procedures or processes in the manual been conducted as required?*

Assets Covered PSE King West

Result Notes Annual reviews of written procedures were found to be conducted as required. PSE has shifted to a more real-time update finalized and published quarterly.

64. Question Result, ID, References **Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))**
 Question Text *Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?*
 Assets Covered **PSE King West**
 Result Notes **PSE reviews annually - always looking at suggestions and implementing them if warranted through an approval process.**
65. Question Result, ID, References **Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))**
 Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*
 Assets Covered **PSE King West**
 Result Notes **PSE is sunseting Image site and changing to a new- Open Text - for records of management system for documents, ESRI, and Tensing for D4's.**
66. Question Result, ID, References **Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a), 192.16(b), 192.16(c))**
 Question Text *Do records indicate the customer notification process satisfies the requirements of 192.16?*
 Assets Covered **PSE King West**
 Result Notes **Every new customer gets a notification packet which includes the required information.**
67. Question Result, ID, References **Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))**
 Question Text *Does the process require prompt response to the report of a gas odor inside or near a building?*
 Assets Covered **PSE King West**
 Result Notes **Located in GOS:**
- Procedure 0100.1040 Conducting an Emergency Assessment**
 - Procedure 4625.1160 Investigating an Outside or Gas Leak**
 - Procedure 4625.1100 Investigating an Odor Inside a Structure**

MO.GMOPP: Gas Pipeline Overpressure Protection

68. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))**
 Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required?*
 Assets Covered **PSE King West**
 Result Notes **Reviewed spreadsheet relief calculations and the following:**
- Dist. Reg. Station #132 (7/14/21) Michael Been**
 - Dist. Reg. Station #271 (9/2/21) Michael Been**
69. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))**
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*
 Assets Covered **PSE King West**
 Result Notes **Reviewed all Reg. Stations for the audit period and selected some for more detail during the field portion of the audit.**
70. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))**
 Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
 Assets Covered **PSE King West**

Result Notes Calibrated gauges were used to check lock-up and relief settings on randomly selected reg stations, for details see Form R

71. Question Result, ID, References Sat, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))

Question Text Are telemetering or recording gauges properly utilized as required for distribution systems?

Assets Covered PSE King West

Result Notes Staff observed randomly selected chart boxes and RTU units during the field audit, for more details see Form R

72. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,

Question Text Are regulator stations installed in a manner to provide protection between regulator stages?

Assets Covered PSE King West

Result Notes Staff has performed numerous crew inspections for this unit throughout the 3-year inspection period with results verifying regulators installed as required.

MO.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

73. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b)) (also presented in: PD.RW)

Question Text Do records indicate distribution patrolling was conducted as required?

Assets Covered PSE King West

Result Notes Bridge patrolling, slide patrol were conducted adequately as required.

Went into detail about valve located in traffic that needed to be moved (JB#1945263) to S. Side of 152 under freeway overpass, IFS replaced valve box at 13055 1st Ave NE - Seattle

And some H2RL -

WO *2023319 - 509 SE 562nd St - Seattle

WO *11876460 - transition fitting was buried - 1028 SW 128th St - Seattle

WO *2039559 - curb valve leaking - 8550 15th Ave NW - Seattle

WO *2009181 - unable to operate curb valve - 15230 15th Ave NE - Shoreline

WO *2037303 - could not locate curb valve - 19531 Dayton Ave N - Shoreline

74. Question Result, ID, References Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b)) (also presented in: PD.RW)

Question Text Do records indicate distribution leakage surveys were conducted as required?

Assets Covered PSE King West

Result Notes **Leakage Survey Map Reviews, random maps were selected before the audit and then reviewed with personnel during the inspection. Survey techs and instrument numbers were noted in order to match with calibration documentation.**

CGI = can't get in

H2RL = hard to read

Plat 188.67A 2018, 2020, 2021, 2022 - Business Dist. - PR

Laine Adame - Inst. #9101608003 - Completion date 1/8/2018

Martin Feldman - #9101734006 - 5/28/20

Jennifer Worges - #9101642002 - 1/18/21

Gary Lewman - #9101652002 - 1/10/22

H2RL - No riser found - 422 W Comstock - Seattle

Plat 188.67E 2020, 2021, 2022 PR & Business Dist

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/25/20

Robert Curry - #9101642005 - 9/29/21

Heather Fisher - #9101734005 - 10/5/22

Hunter Moulton - #9101547008 - 12/18/22

Kai Rouche - #9101734004 - 12/27/22

H2RL- Inside Mtr - Marquize Postelwait inst. 910641012 203 W Olympic Pl

2022 - CGI Main - Steep Slope - Gary Newman - completed with laser tool - 5/13/22

Plat 188.67F 2020, 2021, 2022 PR & Business

Kristian Gonzalez - #9101601004 - 3/25/20

Jennifer Worges - #9101642002 - 1/21/21

Gary Lewman - #9101652002 - 1/13/22

H2RL- Inside Meter - Marquize Postelwait - 100 W Roy St (2018)

CGI Service - Vegetation - Noel Liddell - 110 W Olympic Pl 3/6/2018

Plat 188.68E 2020, 2021, 2022 PR & Business

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/25/20

Robert Curry - #9101642005 - 9/29/21

Heather Fisher - #9101734005 - 10/5/22

Hunter Moulton - #9101547008 - 12/18/22

Kai Rouche - #9101734004 - 12/27/22

CGI- (locked gate) - 814 Warren Ave N - Kristian Gonzales - 10/15/20

CGI Main- Steep slope - 302 Valley St - Robert Curry- Completed 10/6/22 by Chris Butenko (w/laser tool)

Plat 188.68F 2020, 2021, 2022 PR & PRB

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/29/20

Robert Curry - #9101642005 - 9/30/21

Randy Jackson - #9101608003 - 11/24/21

Heather Fisher - #9101734005 - 10/6/22

Chris Butenko - #9101608010 - 10/8/22

Heather Moulton - #9101547008 - 12/18/22

Robert Shuck - #9101551024 - 8/23/23

CGI Main - locked gate - 811 6th Ave N - Kristian Gonzales 9/30/20 - Completed by Kyle Drews 10/5/20

Encroachment- deck over meter - 364 Roy St - Robert Currey 10/1/21

CGI Service - locked gate - 716 Taylor Ave N - Heather Fisher 10/6/22 - Completed by Kris Butenko 10/8/22

Plat 188.69E 2020, 2021, 2022 PR & PRB

Randy Jackson - Inst. #9101608003 - Completion date 9/29/20

Remo Santora - #9101652004 - 9/30/21

Corey Stever - #9101733012 - 11/19/21

Randy Jackson - #9101608003 - 12/9/21

Heather Moulton - #9101547008 - 9/30/22

Collin Paynter - #9101608013 - 12/8/22

Plat 188.69F 2020, 2021, 2022 PRB

Randy Jackson - Inst. #9101608003 - Completion date 9/30/20

Remo Santora - #9101652004 - 9/30/21

Randy Jackson - #9101608003 - 12/9/21

Heather Moulton - #9101547008 - 10/3/22

Collin Paynter - #9101608013 - 12/8/22

H2RL- Meter inside - 731 Westlake Ave N - Remo Santora - 9/30/21

CGI main - Unsafe access - Aurora/Fairview/Valley intersection - Hunter Moulton - 9/30/22 - Completed by Joshua Oyster 10/4/22 (w/laser)

Plat 188.70E 2020, 2021, 2022 PRB

Randy Jackson - Inst. #9101608003 - Completion date 10/1/20

Remo Santora - #9101652004 - 9/29/21

Corey Stever - #9101733012 - 11/22/21

Marquize Postelwait - #910641012 - 10//3/22

Collin Paynter - #9101608013 - 12/8/22

H2RL - Meter inside - 1213 Valley St - Randy Jackson - 10/1/20

Plat 189.68A 2020, 2021, 2022 PRB

Chad Zamzow - Inst. #9101733015 - Completion date 10/15/20

Darrel Gunderson - #9101737009 - 4/15/21

Lindsey Scott - #9101734002 - 9/30/21

Nathan Nightingale - #9101652004 - 10/5/22

Collin Paynter - #9101608013 - 12/8/22

H2RL- Meter Inside - 415 1st Ave N - Lindsey Scott - 9/30/21

CGI -Locked Gate - 225 Roy St - 12/8/22 - Collin Paynter - Completed by Keith Worthington -12/30/22

Plat 189.68B

Chad Zamzow - Inst. #9101733015 - Completion date 10/20/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/27/21

Randy Jackson - #9101608003 - 12/9/21

Martin Feldman - #9101551025 - 10/6/22

H2RL- Meter inside - 417 Republican St N - Lindsey Scott - 9/30/21

Plat 189.69A

Chad Zamzow - Inst. #9101733015 - Completion date 10/20/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/27/21

Randy Jackson - #9101608003 - 12/9/21

Martin Feldman - #9101551025 - 10/6/22

CGI- Locked gate - 500 Dexter Ave N - Gary Lewman - 9/27/21 - completed by Kyle Drews - 4/21/22

H2RL- Meter inside - 427 9th Ave N - Martin Feldman -10/6/22

Plat 189.69B

Chad Zamzow - Inst. #9101733015 - Completion date 10/19/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/29/21

Remo Santora - #9101652004 - 9/29/21

Martin Feldman - #9101551025 - 10/3/22

H2RL- Meter inside - 507 Westlake Ave - Martin Feldman - 10/3/22

Plat 189.70A

Chad Zamzow - Inst. #9101733015 - Completion date 9/29/20

Robert Shuck - #9101551024 - 9/23/21

Gary Lewman - #9101652002 - 9/30/21

Martin Feldman - #9101551025 - 9/28/22

CGI- Locked gate - 501 Eastlake Ave N - Martin Feldman - 9/28/22 - Completed by Chris Butenko - 9/30/22

Plat 190.68A

Geoff Gilham - Inst. #9101601005 - Completion date 10/6/20

Chad Zamzow - #9101733015 - 10/6/20

Jose Delacruz - #9101551011 - 10/7/21

Martin Feldman - #9101551025 - 1/16/22

John Deutz - #9101551021 - 9/26/22

Kai Roche - #9101734004 - 12/18/22

Mario Guzman - #9101734002 - 2/4/23

Plat 190.68B

Geoff Gilham - Inst. #9101601005 - Completion date 10/7/20

Chad Zamzow - #9101733015 - 10/8/20

Jose Delacruz - #9101551011 - 10/5/21

Randy Jackson - #9101608003 - 11/26/21

John Deutz - #9101551021 - 9/27/22

Kai Roche - #9101734004 - 12/18/22

Plat 190.68C

Geoff Gilham - Inst. #9101601005 - Completion date 10/7/20

Jose Delacruz - #9101551011 - 10/8/21

Randy Jackson - #9101608003 - 11/26/21

John Deutz - #9101551021 - 9/29/21

John Deutz - #9101551021 - 9/27/22

Kai Roche - #9101734004 - 12/18/22

CGI- Locked gate - 2601 Elliott Ave - John Deutz - 9/9/22 - Completed by Keith Worthington - 9/30 22

Plat 190.68D

Martin Feldman - Inst. #9101551025 - Completion date - 10/4/20

Kyle Drews - #9101735002 - 3/30/20

Jose Delacruz - #9101551011 - 10/1/21

Martin Feldman - #9101551025 - 1/16/22

John Deutz - #9101551021 - 9/29/22

Geoff Farren - #9101550010 - 10/4/22

Carlos Rainey - #9101733015 - 12/12/22

CGI-Locked gate - 123 Bell St - 10/3/22 - Completed by John Deutz - 10/5/22

Plat 190.69A

Martin Feldman - Inst. #9101551025 - Completion date - 10/7/20

Kai Roche - #9101734004 - 10/1/21

John Deutz - #9101551021 - 10/5/22

Plat 190.69B

Martin Feldman - Inst. #9101551025 - Completion date - 10/6/20

Kai Roche - #9101734004 - 10/1/21

John Deutz - #9101551021 - 10/6/22

Plat 190.69C

Martin Feldman - Inst. #9101551025 - Completion date - 10/5/20

Kai Roche - #9101734004 - 10/5/21

John Deutz - #9101551021 - 10/6/22

Plat 190.69D

Chad Zamzow - Inst. #9101733015 - Completion date 10/8/20

Kai Roche - #9101734004 - 10/4/21

John Deutz - #9101551021 - 10/7/22

Donald Deckert - #9101933005 - 10/18/22

Plat 190.70A

Chad Zamzow - Inst. #9101733015 - Completion date 10/13/20

Timothy Hunt - #9101734006 - 9/30/21

Corey Stever - #9101733012 - 11/19/21

Donald Deckert - #9101933005 - 10/22/22

Randy Jackson - #9101608008 - 12/17/22

Plat 190.70C

Chad Zamzow - Inst. #9101733015 - Completion date 10/14/20

Timothy Hunt - #9101734006 - 10/21/21

Donald Deckert - #9101933005 - 10/22/22

Plat 191.69A

Jennifer Worges - Inst. #9101733010 - Completion date 10/7/20

Jacob Rusher - #9101642002 - 10/7/20

Jacob Rusher - #9101642002 - 10/5/21

Martin Feldman - #9101551025 - 1/16/22

Marquize Postelwait - 9101551022 - 11/2/22

Joshua Oyster - #9101551014 - 11/3/22

CG main - Unsafe access (unsafe walk through) - 2139 Elliott Ave - 10/26/22 - Michael Fields - Completed by Joshua Oyster - 11/2/22

Plat 191.69B

Frank Williams - Inst. #9101551024 - Completion date 10/15/20

Jacob Rusher - #9101642002 - 10/15/20

Jacob Rusher - #9101642002 - 10/7/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Marquize Postelwait - 9101551022 - 11/2/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.69C

Jennifer Worges - Inst. #9101733010 - Completion date 10/7/20

Jacob Rusher - #9101642002 - 10/6/21

Martin Feldman - #9101551025 - 1/16/22

Carlos Rainey - #9101733015 - 10/25/22

Plat 191.69D

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Carlos Rainey - #9101733015 - 10/25/22

Plat 191.69E

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Robert Curry - #9101642005 - 10/26/22

Michael Fields - #9101736004 - 10/27/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.69F

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/15/21

Martin Feldman - #9101551025 - 1/16/22

Robert Curry - #9101642005 - 10/26/22

Michael Fields - #9101736004 - 10/27/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.70A

Frank Williams - Inst. #9101551024 - Completion date 10/9/20

Timothy Hunt - #9101734006 - 10/4/21

Robert Curry - #9101642005 - 10/5/21

Martin Feldman - #9101551025 - 1/16/22

Caden Pratt - #9101737008 - 10/24/22

Matthew Rose - #9101601002 - 12/28/22

Plat 191.70C

Frank Williams - Inst. #9101551024 - Completion date 10/17/20

Robert Curry - #9101642005 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Matthew Rose - #9101601002 - 12/28/22

Plat 191.70E

Pat Castillo - Inst. #9101551021 - Completion date 10/12/20

Robert Curry - #9101734003 - 10/11/21

Martin Feldman - #9101551025 - 1/16/22

Carlos Rainey - #9101733015 - 10/6/22

Plat 192.69B

Martin Feldman - Inst. #9101551025 - Completion date 4/30/20

Corey Stever - #9101733012 - 3/30/21

Lindsey Scott - #9101734002 - 4/4/22

Martin Feldman - #9101551025 - 5/25/22

Plat 192.69D

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.69F

Martin Feldman - Inst. #9101551025 - Completion date 4/30/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.70A

Martin Feldman - Inst. #9101551025 - Completion date 5/1/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/6/22

Plat 192.70B

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Corey Stever - #9101733012 - 3/25/21

Lindsey Scott - #9101734002 - 4/7/22

Plat 192.70C

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/5/22

Plat 192.70D

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Randy Jackson - #9101608003 - 10/9/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/7/22

Matthew Rose - #9101601002 - 7/11/22

Plat 192.70E

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.70F

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Randy Jackson - #9101608003 - 10/9/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/7/22

Plat 193.69B

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Plat 193.69D

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Plat 193.69F

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Casings Survey Maps 2020, 2021, 2022

Plat 190.69A

Andre Mendez - Inst. #AB1806M010 - Completion date 3/13/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 4/2/21

Kai Roche - #9101734004 - 3/25/22

Special Leak Survey Map 2020,2021

Plat 191.69C

Geoff Gilham - Inst. #9101734005 - 12/10/20

Geoff Gilham - Inst. #9101734005 - 1/4/21

Kristian Gonzalez - #9101641004 - 5/4/21

Daniel Zanetti - #9101551023 - 7/1/21

Daniel Monroe - #9101601006 - 9/2/21

Matthew Ober - #9101736004 - 11/5/21

Corey Stever - #9101733012 - 12/6/21

75. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-References 5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: PD.RW)

Question Text *Are line markers placed and maintained as required?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying line markers placed and maintained as required.

76. Question Result, ID, Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: PD.RW)

Question Text *Are line markers placed and maintained as required for above ground pipelines?*

Assets Covered PSE King West

Result Notes Staff observed that all bridge crossings visited had markers placed and maintained as required.

77. Question Result, ID, References Sat, MO.RW.CASINGLEAKSURVEY.R, (also presented in: PD.RW)

Question Text *Do records indicate shorted casings were leak surveyed as required?*

Assets Covered PSE King West

Result Notes **Plat 191.69A (casing #00003, casing #00038)**

Andre Mendez - Inst. #AB1806M010 - Completion date 3/12/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 3/25/21

Kai Roche - #9101734004 - 3/25/22

Plat 191.69D (casing #00036)

Andre Mendez - Inst. #AB1806M010 - Completion date 3/12/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 3/25/21

Kai Roche - #9101734004 - 3/25/22

78. Question Result, ID, References Sat, MO.RW.LEAKFOLLOW.R, (also presented in: PD.RW)

Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle

- N0128914 - 18339 Wallingford Ave N- Seattle

- N0129345 - 5600 14th Ave NW- Seattle

- N0129718 - 8542 Midvale Ave N- Seattle

- N0130270 - NW 203rd St- Shoreline

- N0130869 - 800 NW 95th St- Seattle

- N0142877 - 352 N 104th St - Seattle

- N0147158 - 10251 Airport Way S - Seattle

- N0148327 - 999 3rd Ave - Seattle

79. Question Result, ID, References Sat, MO.RW.DOWNGRADELEAKREPAIR.R, (also presented in: PD.RW)

Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notification - N0130287 - 125 S 156th St - Seattle 1/19/21 - 2/8/21 Down-graded from A to B1

Leak Notification - N0130465 - 729 S 202nd St - Seattle 3/10/21 - 8/13/21 Down-graded from A to B2

Leak Notification - N0135763 - 3229 Alki Ave SW - Seattle 2/5/21 - 10/21/22 Down-graded from BA to C

80. Question Result, ID, References Sat, MO.RW.LEAKREPAIRTIME.R, (also presented in: PD.RW)

Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle
- N0128914 - 18339 Wallingford Ave N- Seattle
- N0129345 - 5600 14th Ave NW- Seattle
- N0129718 - 8542 Midvale Ave N- Seattle
- N0130270 - NW 203rd St- Shoreline
- N0130869 - 800 NW 95th St- Seattle
- N0142877 - 352 N 104th St - Seattle
- N0147158 - 10251 Airport Way S - Seattle
- N0148327 - 999 3rd Ave - Seattle

81. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R, (also presented in: PD.RW)

Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle
- N0128914 - 18339 Wallingford Ave N- Seattle
- N0129345 - 5600 14th Ave NW- Seattle
- N0129718 - 8542 Midvale Ave N- Seattle
- N0130270 - NW 203rd St- Shoreline
- N0130869 - 800 NW 95th St- Seattle
- N0142877 - 352 N 104th St - Seattle
- N0147158 - 10251 Airport Way S - Seattle
- N0148327 - 999 3rd Ave - Seattle

82. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R, (also presented in: PD.RW)

Question Text *Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?*

Assets Covered PSE King West

Result Notes Reviewed all pipeline marker surveys for the audit period.

83. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R, (also presented in: PD.RW)

Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*

Assets Covered PSE King West

Result Notes Reviewed all pipeline marker surveys for the audit period.

84. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R, (also presented in: PD.RW)

Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*

Assets Covered PSE King West

Result Notes Markers are not located on maps but are in SAP and have GPS locations for each.

MO.GOUPRATE: Uprating

85. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b), 192.553(c))

Question Text *Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?*

Assets Covered PSE King West

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

86. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))

Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?*

Assets Covered PSE King West

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

87. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered PSE King West

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

PD.DP: Damage Prevention

88. Question Result, ID, References Sat, PD.DP.ONECALL.O, 192.614(c)(3)

Question Text *Observe operator process a "One Call" ticket.*

Assets Covered PSE King West

Result Notes Staff went over this process with the operator without any findings identified.

89. Question Result, ID, References Sat, PD.DP.PDPROGRAM.R, 192.614(c)

Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*

Assets Covered PSE King West

Result Notes Reviewed selected tickets and database for the audit period required.

PD.PA: Public Awareness

90. Question Result, ID, References NA, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)

Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection. PSE does not have a non-english speaking population greater than 15% in the West King unit.

91. Question Result, ID, References Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)

Question Text Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?

Assets Covered PSE King West

Result Notes No issues were found with the latest effectiveness review.

92. Question Result, ID, References NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)

Question Text Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?

Assets Covered PSE King West

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

RPT.RR: Regulatory Reporting (Traditional)

93. Question Result, ID, References Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)

Question Text Have complete and accurate Annual Reports been submitted?

Assets Covered PSE King West

Result Notes Reviewed the following Annual Report submittals:

Distribution 3/11/2022, 3/13/2023

Transmission 3/14/22, 3/13/22 (natural gas) 3/14/22, 3/13/22 (landfill gas) Jackson Prairie 3/13/23

LNG 3/11/22, 3/13/23

Underground Natural Gas Storage 3/14/22, 3/13/23

94. Question Result, ID, References Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))

Question Text Do records indicate immediate notifications of incidents were made in accordance with 191.5?

Assets Covered PSE King West

Result Notes **Incident #20220060 - 9/15/22 - Seattle**

Injury during const. project - Contractor and company employees were sent to emergency room and hospital (WUTC investigation result pending, PSE corrective actions incomplete at this time).

95. Question Result, ID, References Sat, RPT.RR.INCIDENTREPORT.R, 191.9(a)

Question Text Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?

Assets Covered PSE King West

Result Notes **Incident #20220060 - 9/15/22 - Seattle**

Injury during const. project - Contractor and company employees were sent to emergency room and hospital (WUTC investigation result pending, PSE corrective actions incomplete at this time).

96. Question Result, ID, References Sat, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)

Question Text Do records indicate accurate supplemental incident reports were filed and within the required timeframe?

Assets Covered PSE King West

Result Notes **Incident #20220060 - 9/15/22 - Seattle**

Injury during const. project - Contractor and company employees were sent to emergency room and hospital (WUTC investigation result pending, PSE corrective actions incomplete at this time).

Yes. Have submitted other supplemental reports (10/14/22) May, and June as this incident is still active

97. Question Result, ID, References Sat, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(c))
Question Text *Do records indicate safety-related condition reports were filed as required?*
Assets Covered PSE King West
Result Notes One in Lynnwood, which is in Snohomish County -

2021 Discovered dis-bonded coating on the pipeline due to an indication of stress corrosion cracking and submitted as SRCR (3346-Form) - but was deemed by experts to only be a manufacturing defect.
98. Question Result, ID, References NA, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d))
Question Text *Do records indicate appropriate control of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate, and the National Registry of Pipeline and LNG Operators has been notified of applicable changes?*
Assets Covered PSE King West
Result Notes No such activity/condition was observed during the inspection.
99. Question Result, ID, References Sat, RPT.RR.UTCANNUALREPORTS.R,
Question Text *Have complete and accurate annual reports been submitted to the commission?*
Assets Covered PSE King West
Result Notes Reviewed receipts for 2021 (3/13/21) - 2022 (3/15/22)
100. Question Result, ID, References Sat, RPT.RR.MISDATAREPORTS.R,
Question Text *Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?*
Assets Covered PSE King West
Result Notes Reviewed the reports for 2021 and 2022.
101. Question Result, ID, References NA, RPT.RR.MAOPINCREASENOTIFY.R,
Question Text *Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before uprating to a MAOP greater than 60 psig?*
Assets Covered PSE King West
Result Notes No such activity/condition was observed during the inspection.
102. Question Result, ID, References NA, RPT.RR.THIRTYDAYRPT.R,
Question Text *Has the operator submitted a written report within 30 days following each reportable incident?*
Assets Covered PSE King West
Result Notes No such activity/condition was observed during the inspection.
103. Question Result, ID, References Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,
Question Text *Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?*
Assets Covered PSE King West
Result Notes Found all daily construction and repair activities for West King unit were submitted on time for the required audit period.
104. Question Result, ID, References Sat, RPT.RR.PIPELINEMAPPING.R,
Question Text *Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?*
Assets Covered PSE King West
Result Notes Reviewed reports from: 2/18/2022, 2/19/21, 2/27/23

TD.ATM: Atmospheric Corrosion

105. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d))
Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
Assets Covered PSE King West
Result Notes Reviewed spreadsheet of all H2RL's for the West King unit, will visit a selected amount in more detail during the field portion of the audit.
106. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c), 192.481(d))
Question Text *Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?*
Assets Covered PSE King West
Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying properly coated pipe as required.

TD.CPMONITOR: External Corrosion - CP Monitoring

107. Question Result, ID, References Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b), 192.463(c), 192.463(a))
Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*
Assets Covered PSE King West
Result Notes Calibrated equipment was used to check CP readings at randomly selected locations using instant offs to account for IR drop during the field portion of the audit, for details see Form R
108. Question Result, ID, References Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a))
Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*
Assets Covered PSE King West
Result Notes Looked at G3-TS-0103 with a low read

GA-037935 Corson Ave S & Willow St (late due to permitting) Needed 12/6/21 - Completed 12/18/21

IC-051011 - TS-42262 Needed 12/24/20 -Completed 2/24/21 Broadway Ave
109. Question Result, ID, References Sat, TD.CPMONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))
Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*
Assets Covered PSE King West
Result Notes Reviewed all three years of rectifier records (2020, 2021, 2022).
110. Question Result, ID, References Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)
Question Text *Do field observations confirm impressed current sources are properly maintained and are functioning properly?*
Assets Covered PSE King West
Result Notes Calibrated equipment was used to check CP readings at randomly selected locations using instant offs to account for IR drop during the field portion of the audit and to confirm impressed current sources were maintained, for details see Form R
111. Question Result, ID, References NA, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))
Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*
Assets Covered PSE King West
Result Notes No such activity/condition was observed during the inspection.
112. Question Result, ID, References Sat, TD.CPMONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))
Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*

Assets Covered PSE King West

Result Notes Reviewed all 2020, 2021, 2022 records, all deficiencies were found to be corrected, looked at all casings without test leads or vents for the same time period. Looked at steel in cast iron casings for the same time period.

113. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.R, 192.469

Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*

Assets Covered PSE King West

Result Notes Reviewed GIS mapping, no deficiencies were found.

114. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.O, 192.469

Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying sufficient number of test stations .

115. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))

Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*

Assets Covered PSE King West

Result Notes No deficiencies were found in HP pipeline test stations reviewed.

116. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a)

Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying sufficient electrical test leads installed .

117. Question Result, ID, References NA, TD.CPMONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))

Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

118. Question Result, ID, References NA, TD.CPMONITOR.INTFRCURRENT.O, 192.473(a)

Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*

Assets Covered PSE King West

Result Notes No such event occurred, or condition existed, in the scope of inspection review.

TD.CP: External Corrosion - Cathodic Protection

119. Question Result, ID, References NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))

Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

120. Question Result, ID, References Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*

Assets Covered PSE King West

Result Notes Reviewed all casings without test leads or vents, and galvanic and impressed current casing reads for the West King unit.

121. Question Result, ID, References Sat, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying sufficient electrical isolation.

122. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.R,

Question Text *Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?*

Assets Covered PSE King West

Result Notes Found inspections for TS casing on Impressed and TS galvanic to be adequate for West King unit.

123. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.O,

Question Text *Are casings electrically isolated from the pipeline?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying casings with sufficient electrical isolation.

124. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CPMONITOR, TD.CPEXPOSED)

Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*

Assets Covered PSE King West

Result Notes Mapping of all corrosion control items for the West King unit were found to be adequate.

TD.COAT: External Corrosion - Coatings

125. Question Result, ID, References Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))

Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?*

Assets Covered PSE King West

Result Notes Reviewed

JB#107050663 - 1301 5th Ave - Seattle (8/30/2020)

4" (FB) coated pipe & 8-inch fusion bonded epoxy coated was installed

126. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)

Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*

Assets Covered PSE King West

Result Notes No such activity/condition was observed during the inspection.

TD.CPEXPOSED: External Corrosion - Exposed Pipe

127. Question Result, ID, References Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)

Question Text *Do records adequately document that exposed buried piping was examined for corrosion?*

Assets Covered PSE King West

Result Notes Reviewed [42] - low reads all were corrected, some by retirement. There were 1864 EPCR's on STW for all three years

TD.ICP: Internal Corrosion - Preventive Measures

128. Question Result, ID, References **NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))**
Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*
Assets Covered **PSE King West**
Result Notes **No such activity/condition was observed during the inspection.**
129. Question Result, ID, References **Sat, TD.ICP.CORRGASPRVNT.O, 192.475(a)**
Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*
Assets Covered **PSE King West**
Result Notes **The operator monitors at injections points for corrosive gas, with no occurrences during the 3-year inspection period.**
130. Question Result, ID, References **NA, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)**
Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*
Assets Covered **PSE King West**
Result Notes **No such activity/condition was observed during the inspection.**
131. Question Result, ID, References **NA, TD.ICP.CORRGASACTION.O, 192.477**
Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*
Assets Covered **PSE King West**
Result Notes **No such activity/condition was observed during the inspection.**
132. Question Result, ID, References **Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))**
Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*
Assets Covered **PSE King West**
Result Notes **Reviewed EPCR's for construction jobs where pipe was removed.**
133. Question Result, ID, References **NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487)**
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered **PSE King West**
Result Notes **No such activity/condition was observed during the inspection.**

TQ.PROT9: OQ Protocol 9

134. Question Result, ID, References **NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))**
Question Text *Have potential issues identified by the OQ plan inspection process been corrected at the operational level?*
Assets Covered **PSE King West**
Result Notes **No such activity/condition was observed during the inspection.**
135. Question Result, ID, References **Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))**
Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.*
Assets Covered **PSE King West**
Result Notes **Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.**
136. Question Result, ID, References **Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))**

Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*

Assets Covered PSE King West

Result Notes Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.

137. Question Result, ID, References Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))

Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*

Assets Covered PSE King West

Result Notes Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.

138. Question Result, ID, References Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))

Question Text *Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

Assets Covered PSE King West

Result Notes Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.

TQ.OQ: Operator Qualification

139. Question Result, ID, References Sat, TQ.OQ.OQPLAN.O, 192.805(h)

Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*

Assets Covered PSE King West

Result Notes Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.

140. Question Result, ID, References Sat, TQ.OQ.RECORDS.R, 192.807

Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*

Assets Covered PSE King West

Result Notes Reviewed:

Combined CTS 1301a, 141.02, 1414.04

Mitch Balzer 6/26/20

Advanced Phase Broken Service Scenario

Zach Dorr 8/3/22

141. Question Result, ID, References Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))

Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*

Assets Covered PSE King West

Result Notes Jeff Anderson 55347, Butt Fusion, Hydraulic Fusion, Sidewall Heat Fusion, Mechanical Joints, Hot Tap

Joshua Abbot 65614, Butt Fusion, Hydraulic Fusion, Sidewall Heat Fusion, Mechanical Joints, Hot Tap

142. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.O, 192.803

Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*

Assets Covered PSE King West

Result Notes Before the field portion of the audit staff verified individuals' were previously qualified and did not observe any performance issues.

TQ.QU: Qualification of Personnel - Specific Requirements

143. Question Result, ID, References Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a), 192.807(b))

Question Text *Do records indicate qualification of personnel implementing pipeline corrosion control methods?*

Assets Covered PSE King West

Result Notes Reviewed corrosion control qualification records for individuals that will be involved with the field portion of the audit. (see Form R for verification)

TQ.QUOMCONST: Qualification of Personnel - Specific Requirements (O and M Construction)

144. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))

Question Text *Do records indicate adequate qualification of welders?*

Assets Covered PSE King West

Result Notes Reviewed the following:

109122253 (2/12/22)

109105302 (11/26/21)

109137842 (10/13/21)

Art Taylor (IFS) Arc II - 4900:1310 - 4900:1410 11/17/22

Brad Dupont (IFS) Arc II - 4900:1310 - 4900:1410 8/24/23

Cody Hinman (IFS) Arc II - 4900:1310 - 4900:1410 3/22/23

Kevin Morehead (IFS) Arc II - 4900:1310 - 4900:1410 7/12/22

Kaleb Granger (IFS) Arc II - 4900:1310 - 4900:1410 6/29/21

Craig Kraft (IFS) Arc II - 4900:1310 - 4900:1410 11/22/21

145. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*

Assets Covered PSE King West

Result Notes Reviewed the following:

109122253 (2/12/22)

109105302 (11/26/21)

109137842 (10/13/21)

Acuren employee - Luke Giannoulas certification 1/24/21 exp. 1/24/24 , eye examination last test 1/2/21 exp. 1/22/22

Daniel Hubbard certification 2/22/19 exp. 1/25/25 eye exam 11/11/20 exp. 11/11/21

Brian Koenig certification 1/4/21 exp. 3/25/24 eye exam 1/4/24 exp. 1/4/22

Steven Lancaster certification 1/19/21 exp. 10/17/23 eye exam 1/10/20 exp. 10/1/21

PD.PA: Public Awareness

146. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: EP.ERG)

Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*

Assets Covered PSE King West

Result Notes Municipal Liaison Manager (MLM) sends out a mailing insert each year in Feb. There were no records to review, they don't currently keep records of meetings with specific officials located in this unit (West King) unless there is a specific project.

PD.RW: ROW Markers, Patrols, Leakage Survey and Monitoring

147. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b)) (also presented in: MO.RW)

Question Text *Do records indicate distribution patrolling was conducted as required?*

Assets Covered PSE King West

Result Notes Bridge patrolling, slide patrol were conducted adequately as required.

Went into detail about valve located in traffic that needed to be moved (JB#1945263) to S. Side of 152 under freeway overpass, IFS replaced valve box at 13055 1st Ave NE - Seattle

And some H2RL -

WO *2023319 - 509 SE 562nd St - Seattle

WO *11876460 - transition fitting was buried - 1028 SW 128th St - Seattle

WO *2039559 - curb valve leaking - 8550 15th Ave NW - Seattle

WO *2009181 - unable to operate curb valve - 15230 15th Ave NE - Shoreline

WO *2037303 - could not locate curb valve - 19531 Dayton Ave N - Shoreline

148. Question Result, ID, References Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b)) (also presented in: MO.RW)

Question Text *Do records indicate distribution leakage surveys were conducted as required?*

Assets Covered PSE King West

Result Notes **Leakage Survey Map Reviews, random maps were selected before the audit and then reviewed with personnel during the inspection. Survey techs and instrument numbers were noted in order to match with calibration documentation.**

CGI = can't get in

H2RL = hard to read

Plat 188.67A 2018, 2020, 2021, 2022 - Business Dist. - PR

Laine Adame - Inst. #9101608003 - Completion date 1/8/2018

Martin Feldman - #9101734006 - 5/28/20

Jennifer Worges - #9101642002 - 1/18/21

Gary Lewman - #9101652002 - 1/10/22

H2RL - No riser found - 422 W Comstock - Seattle

Plat 188.67E 2020, 2021, 2022 PR & Business Dist

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/25/20

Robert Curry - #9101642005 - 9/29/21

Heather Fisher - #9101734005 - 10/5/22

Hunter Moulton - #9101547008 - 12/18/22

Kai Rouche - #9101734004 - 12/27/22

H2RL- Inside Mtr - Marquize Postelwait inst. 910641012 203 W Olympic Pl

2022 - CGI Main - Steep Slope - Gary Newman - completed with laser tool - 5/13/22

Plat 188.67F 2020, 2021, 2022 PR & Business

Kristian Gonzalez - #9101601004 - 3/25/20

Jennifer Worges - #9101642002 - 1/21/21

Gary Lewman - #9101652002 - 1/13/22

H2RL- Inside Meter - Marquize Postelwait - 100 W Roy St (2018)

CGI Service - Vegetation - Noel Liddell - 110 W Olympic Pl 3/6/2018

Plat 188.68E 2020, 2021, 2022 PR & Business

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/25/20

Robert Curry - #9101642005 - 9/29/21

Heather Fisher - #9101734005 - 10/5/22

Hunter Moulton - #9101547008 - 12/18/22

Kai Rouche - #9101734004 - 12/27/22

CGI- (locked gate) - 814 Warren Ave N - Kristian Gonzales - 10/15/20

CGI Main- Steep slope - 302 Valley St - Robert Curry- Completed 10/6/22 by Chris Butenko (w/laser tool)

Plat 188.68F 2020, 2021, 2022 PR & PRB

Kristian Gonzalez - Inst. #9101601004 - Completion date 9/29/20

Robert Curry - #9101642005 - 9/30/21

Randy Jackson - #9101608003 - 11/24/21

Heather Fisher - #9101734005 - 10/6/22

Chris Butenko - #9101608010 - 10/8/22

Heather Moulton - #9101547008 - 12/18/22

Robert Shuck - #9101551024 - 8/23/23

CGI Main - locked gate - 811 6th Ave N - Kristian Gonzales 9/30/20 - Completed by Kyle Drews 10/5/20

Encroachment- deck over meter - 364 Roy St - Robert Currey 10/1/21

CGI Service - locked gate - 716 Taylor Ave N - Heather Fisher 10/6/22 - Completed by Kris Butenko 10/8/22

Plat 188.69E 2020, 2021, 2022 PR & PRB

Randy Jackson - Inst. #9101608003 - Completion date 9/29/20

Remo Santora - #9101652004 - 9/30/21

Corey Stever - #9101733012 - 11/19/21

Randy Jackson - #9101608003 - 12/9/21

Heather Moulton - #9101547008 - 9/30/22

Collin Paynter - #9101608013 - 12/8/22

Plat 188.69F 2020, 2021, 2022 PRB

Randy Jackson - Inst. #9101608003 - Completion date 9/30/20

Remo Santora - #9101652004 - 9/30/21

Randy Jackson - #9101608003 - 12/9/21

Heather Moulton - #9101547008 - 10/3/22

Collin Paynter - #9101608013 - 12/8/22

H2RL- Meter inside - 731 Westlake Ave N - Remo Santora - 9/30/21

CGI main - Unsafe access - Aurora/Fairview/Valley intersection - Hunter Moulton - 9/30/22 - Completed by Joshua Oyster 10/4/22 (w/laser)

Plat 188.70E 2020, 2021, 2022 PRB

Randy Jackson - Inst. #9101608003 - Completion date 10/1/20

Remo Santora - #9101652004 - 9/29/21

Corey Stever - #9101733012 - 11/22/21

Marquize Postelwait - #910641012 - 10//3/22

Collin Paynter - #9101608013 - 12/8/22

H2RL - Meter inside - 1213 Valley St - Randy Jackson - 10/1/20

Plat 189.68A 2020, 2021, 2022 PRB

Chad Zamzow - Inst. #9101733015 - Completion date 10/15/20

Darrel Gunderson - #9101737009 - 4/15/21

Lindsey Scott - #9101734002 - 9/30/21

Nathan Nightingale - #9101652004 - 10/5/22

Collin Paynter - #9101608013 - 12/8/22

H2RL- Meter Inside - 415 1st Ave N - Lindsey Scott - 9/30/21

CGI -Locked Gate - 225 Roy St - 12/8/22 - Collin Paynter - Completed by Keith Worthington -12/30/22

Plat 189.68B

Chad Zamzow - Inst. #9101733015 - Completion date 10/20/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/27/21

Randy Jackson - #9101608003 - 12/9/21

Martin Feldman - #9101551025 - 10/6/22

H2RL- Meter inside - 417 Republican St N - Lindsey Scott - 9/30/21

Plat 189.69A

Chad Zamzow - Inst. #9101733015 - Completion date 10/20/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/27/21

Randy Jackson - #9101608003 - 12/9/21

Martin Feldman - #9101551025 - 10/6/22

CGI- Locked gate - 500 Dexter Ave N - Gary Lewman - 9/27/21 - completed by Kyle Drews - 4/21/22

H2RL- Meter inside - 427 9th Ave N - Martin Feldman -10/6/22

Plat 189.69B

Chad Zamzow - Inst. #9101733015 - Completion date 10/19/20

Randy Jackson - #9101608003 - 11/12/20

Gary Lewman - #9101652002 - 9/29/21

Remo Santora - #9101652004 - 9/29/21

Martin Feldman - #9101551025 - 10/3/22

H2RL- Meter inside - 507 Westlake Ave - Martin Feldman - 10/3/22

Plat 189.70A

Chad Zamzow - Inst. #9101733015 - Completion date 9/29/20

Robert Shuck - #9101551024 - 9/23/21

Gary Lewman - #9101652002 - 9/30/21

Martin Feldman - #9101551025 - 9/28/22

CGI- Locked gate - 501 Eastlake Ave N - Martin Feldman - 9/28/22 - Completed by Chris Butenko - 9/30/22

Plat 190.68A

Geoff Gilham - Inst. #9101601005 - Completion date 10/6/20

Chad Zamzow - #9101733015 - 10/6/20

Jose Delacruz - #9101551011 - 10/7/21

Martin Feldman - #9101551025 - 1/16/22

John Deutz - #9101551021 - 9/26/22

Kai Roche - #9101734004 - 12/18/22

Mario Guzman - #9101734002 - 2/4/23

Plat 190.68B

Geoff Gilham - Inst. #9101601005 - Completion date 10/7/20

Chad Zamzow - #9101733015 - 10/8/20

Jose Delacruz - #9101551011 - 10/5/21

Randy Jackson - #9101608003 - 11/26/21

John Deutz - #9101551021 - 9/27/22

Kai Roche - #9101734004 - 12/18/22

Plat 190.68C

Geoff Gilham - Inst. #9101601005 - Completion date 10/7/20

Jose Delacruz - #9101551011 - 10/8/21

Randy Jackson - #9101608003 - 11/26/21

John Deutz - #9101551021 - 9/29/21

John Deutz - #9101551021 - 9/27/22

Kai Roche - #9101734004 - 12/18/22

CGI- Locked gate - 2601 Elliott Ave - John Deutz - 9/9/22 - Completed by Keith Worthington - 9/30 22

Plat 190.68D

Martin Feldman - Inst. #9101551025 - Completion date - 10/4/20

Kyle Drews - #9101735002 - 3/30/20

Jose Delacruz - #9101551011 - 10/1/21

Martin Feldman - #9101551025 - 1/16/22

John Deutz - #9101551021 - 9/29/22

Geoff Farren - #9101550010 - 10/4/22

Carlos Rainey - #9101733015 - 12/12/22

CGI-Locked gate - 123 Bell St - 10/3/22 - Completed by John Deutz - 10/5/22

Plat 190.69A

Martin Feldman - Inst. #9101551025 - Completion date - 10/7/20

Kai Roche - #9101734004 - 10/1/21

John Deutz - #9101551021 - 10/5/22

Plat 190.69B

Martin Feldman - Inst. #9101551025 - Completion date - 10/6/20

Kai Roche - #9101734004 - 10/1/21

John Deutz - #9101551021 - 10/6/22

Plat 190.69C

Martin Feldman - Inst. #9101551025 - Completion date - 10/5/20

Kai Roche - #9101734004 - 10/5/21

John Deutz - #9101551021 - 10/6/22

Plat 190.69D

Chad Zamzow - Inst. #9101733015 - Completion date 10/8/20

Kai Roche - #9101734004 - 10/4/21

John Deutz - #9101551021 - 10/7/22

Donald Deckert - #9101933005 - 10/18/22

Plat 190.70A

Chad Zamzow - Inst. #9101733015 - Completion date 10/13/20

Timothy Hunt - #9101734006 - 9/30/21

Corey Stever - #9101733012 - 11/19/21

Donald Deckert - #9101933005 - 10/22/22

Randy Jackson - #9101608008 - 12/17/22

Plat 190.70C

Chad Zamzow - Inst. #9101733015 - Completion date 10/14/20

Timothy Hunt - #9101734006 - 10/21/21

Donald Deckert - #9101933005 - 10/22/22

Plat 191.69A

Jennifer Worges - Inst. #9101733010 - Completion date 10/7/20

Jacob Rusher - #9101642002 - 10/7/20

Jacob Rusher - #9101642002 - 10/5/21

Martin Feldman - #9101551025 - 1/16/22

Marquize Postelwait - 9101551022 - 11/2/22

Joshua Oyster - #9101551014 - 11/3/22

CG main - Unsafe access (unsafe walk through) - 2139 Elliott Ave - 10/26/22 - Michael Fields - Completed by Joshua Oyster - 11/2/22

Plat 191.69B

Frank Williams - Inst. #9101551024 - Completion date 10/15/20

Jacob Rusher - #9101642002 - 10/15/20

Jacob Rusher - #9101642002 - 10/7/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Marquize Postelwait - 9101551022 - 11/2/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.69C

Jennifer Worges - Inst. #9101733010 - Completion date 10/7/20

Jacob Rusher - #9101642002 - 10/6/21

Martin Feldman - #9101551025 - 1/16/22

Carlos Rainey - #9101733015 - 10/25/22

Plat 191.69D

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Carlos Rainey - #9101733015 - 10/25/22

Plat 191.69E

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Robert Curry - #9101642005 - 10/26/22

Michael Fields - #9101736004 - 10/27/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.69F

Frank Williams - Inst. #9101551024 - Completion date 10/12/20

Jacob Rusher - #9101642002 - 10/15/21

Martin Feldman - #9101551025 - 1/16/22

Robert Curry - #9101642005 - 10/26/22

Michael Fields - #9101736004 - 10/27/22

Collin Paynter - #9101608013 - 12/27/22

Plat 191.70A

Frank Williams - Inst. #9101551024 - Completion date 10/9/20

Timothy Hunt - #9101734006 - 10/4/21

Robert Curry - #9101642005 - 10/5/21

Martin Feldman - #9101551025 - 1/16/22

Caden Pratt - #9101737008 - 10/24/22

Matthew Rose - #9101601002 - 12/28/22

Plat 191.70C

Frank Williams - Inst. #9101551024 - Completion date 10/17/20

Robert Curry - #9101642005 - 10/8/21

Martin Feldman - #9101551025 - 1/16/22

Michael Fields - #9101736004 - 10/24/22

Matthew Rose - #9101601002 - 12/28/22

Plat 191.70E

Pat Castillo - Inst. #9101551021 - Completion date 10/12/20

Robert Curry - #9101734003 - 10/11/21

Martin Feldman - #9101551025 - 1/16/22

Carlos Rainey - #9101733015 - 10/6/22

Plat 192.69B

Martin Feldman - Inst. #9101551025 - Completion date 4/30/20

Corey Stever - #9101733012 - 3/30/21

Lindsey Scott - #9101734002 - 4/4/22

Martin Feldman - #9101551025 - 5/25/22

Plat 192.69D

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.69F

Martin Feldman - Inst. #9101551025 - Completion date 4/30/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.70A

Martin Feldman - Inst. #9101551025 - Completion date 5/1/20

Corey Stever - #9101733012 - 3/29/21

Lindsey Scott - #9101734002 - 4/6/22

Plat 192.70B

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Corey Stever - #9101733012 - 3/25/21

Lindsey Scott - #9101734002 - 4/7/22

Plat 192.70C

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/5/22

Plat 192.70D

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Randy Jackson - #9101608003 - 10/9/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/7/22

Matthew Rose - #9101601002 - 7/11/22

Plat 192.70E

Martin Feldman - Inst. #9101551025 - Completion date 4/29/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/5/22

Martin Feldman - #9101551025 - 5/24/22

Plat 192.70F

Martin Feldman - Inst. #9101551025 - Completion date 4/28/20

Randy Jackson - #9101608003 - 10/9/20

Corey Stever - #9101733012 - 3/26/21

Lindsey Scott - #9101734002 - 4/7/22

Plat 193.69B

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Plat 193.69D

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Plat 193.69F

Chad Zamzow - Inst. #9101733015 - Completion date 5/1/20

Corey Stever - #9101733012 - 4/8/21

Martin Feldman - #9101551025 - 3/27/22

Casings Survey Maps 2020, 2021, 2022

Plat 190.69A

Andre Mendez - Inst. #AB1806M010 - Completion date 3/13/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 4/2/21

Kai Roche - #9101734004 - 3/25/22

Special Leak Survey Map 2020,2021

Plat 191.69C

Geoff Gilham - Inst. #9101734005 - 12/10/20

Geoff Gilham - Inst. #9101734005 - 1/4/21

Kristian Gonzalez - #9101641004 - 5/4/21

Daniel Zanetti - #9101551023 - 7/1/21

Daniel Monroe - #9101601006 - 9/2/21

Matthew Ober - #9101736004 - 11/5/21

Corey Stever - #9101733012 - 12/6/21

149. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-References 5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: MO.RW)

Question Text *Are line markers placed and maintained as required?*

Assets Covered PSE King West

Result Notes Staff has performed numerous facility inspections for this unit throughout the 3-year inspection period with results verifying line markers placed and maintained as required.

150. Question Result, ID, Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: MO.RW)

Question Text *Are line markers placed and maintained as required for above ground pipelines?*

Assets Covered PSE King West

Result Notes Staff observed that all bridge crossings visited had markers placed and maintained as required.

151. Question Result, ID, References **Sat, MO.RW.CASINGLEAKSURVEY.R**, (also presented in: MO.RW)

Question Text *Do records indicate shorted casings were leak surveyed as required?*

Assets Covered **PSE King West**

Result Notes **Plat 191.69A (casing #00003, casing #00038)**

Andre Mendez - Inst. #AB1806M010 - Completion date 3/12/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 3/25/21

Kai Roche - #9101734004 - 3/25/22

Plat 191.69D (casing #00036)

Andre Mendez - Inst. #AB1806M010 - Completion date 3/12/20

Randy Jackson - #9101608003 - 10/8/20

Joshua Oyster - #9101608003 - 3/25/21

Kai Roche - #9101734004 - 3/25/22

152. Question Result, ID, References **Sat, MO.RW.LEAKFOLLOW.R**, (also presented in: MO.RW)

Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*

Assets Covered **PSE King West**

Result Notes **Reviewed the following:**

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle

- N0128914 - 18339 Wallingford Ave N- Seattle

- N0129345 - 5600 14th Ave NW- Seattle

- N0129718 - 8542 Midvale Ave N- Seattle

- N0130270 - NW 203rd St- Shoreline

- N0130869 - 800 NW 95th St- Seattle

- N0142877 - 352 N 104th St - Seattle

- N0147158 - 10251 Airport Way S - Seattle

- N0148327 - 999 3rd Ave - Seattle

153. Question Result, ID, References **Sat, MO.RW.DOWNGRADELEAKREPAIR.R**, (also presented in: MO.RW)

Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*

Assets Covered **PSE King West**

Result Notes **Reviewed the following:**

Leak Notification - N0130287 - 125 S 156th St - Seattle 1/19/21 - 2/8/21 Down-graded from A to B1

Leak Notification - N0130465 - 729 S 202nd St - Seattle 3/10/21 - 8/13/21 Down-graded from A to B2

Leak Notification - N0135763 - 3229 Alki Ave SW - Seattle 2/5/21 - 10/21/22 Down-graded from BA to C

154. Question Result, ID, References Sat, MO.RW.LEAKREPAIRTIME.R, (also presented in: MO.RW)

Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle
- N0128914 - 18339 Wallingford Ave N- Seattle
- N0129345 - 5600 14th Ave NW- Seattle
- N0129718 - 8542 Midvale Ave N- Seattle
- N0130270 - NW 203rd St- Shoreline
- N0130869 - 800 NW 95th St- Seattle
- N0142877 - 352 N 104th St - Seattle
- N0147158 - 10251 Airport Way S - Seattle
- N0148327 - 999 3rd Ave - Seattle

155. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R, (also presented in: MO.RW)

Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered PSE King West

Result Notes Reviewed the following:

Leak Notifications

- N0120322 - 9720 6th Ave NW- Seattle
- N0128914 - 18339 Wallingford Ave N- Seattle
- N0129345 - 5600 14th Ave NW- Seattle
- N0129718 - 8542 Midvale Ave N- Seattle
- N0130270 - NW 203rd St- Shoreline
- N0130869 - 800 NW 95th St- Seattle
- N0142877 - 352 N 104th St - Seattle
- N0147158 - 10251 Airport Way S - Seattle
- N0148327 - 999 3rd Ave - Seattle

156. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R, (also presented in: MO.RW)

Question Text *Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?*

Assets Covered PSE King West

Result Notes Reviewed all pipeline marker surveys for the audit period.

157. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R, (also presented in: MO.RW)

Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*

Assets Covered PSE King West

Result Notes Reviewed all pipeline marker surveys for the audit period.

158. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R, (also presented in: MO.RW)

Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*

Assets Covered PSE King West

Result Notes Markers are not located on maps but are in SAP and have GPS locations for each.

TD.CPMONITOR: External Corrosion - CP Monitoring

159. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPEXPOSED)

Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*

Assets Covered PSE King West

Result Notes Mapping of all corrosion control items for the West King unit were found to be adequate.

TD.CPEXPOSED: External Corrosion - Exposed Pipe

160. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPMONITOR)

Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*

Assets Covered PSE King West

Result Notes Mapping of all corrosion control items for the West King unit were found to be adequate.

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.