

PHMSA Form 19 Question Set (IA Equivalent)
HAZARDOUS LIQUID INTEGRITY MANAGEMENT IMPLEMENTATION INSPECTION

Name of Operator: Olympic Pipe Line Company		Unit ID No. Laterals	
OPID No. 30781	Insp. ID: 5821		
HQ Address:		System/Unit Name & Address:	
BP Pipelines (North America), Inc. US Pipelines & Logistics 150 W. Warrenville Road Naperville, IL 60563		Olympic Pipeline 600 SW, 39th Street, Suite 275, Renton, WA 98057	
Operator Official: Donald W. Porter	Title: President	Address:	150 W. Warrenville Road
Phone: 630-596-2522	Emergency Phone/Cell: (800) 362-6742	City:	Naperville
		State:	IL
		Zip Code:	60563
Persons Interviewed		Title	
Phone No.			
Jim Bruen	DOT Team Leader	(630) 536-2535	
John Newhouse	DOT Compliance Advisor	(630) 536-2549	
Ross Dagerstadt	Corrosion Protection Team Lead	(425) 981-2532	
Troy Dellinger	Corrosion Specialist		
Kurt Hayashida	Engineer	(206) 571-0066	
Jim Fraley	Damage Prevention Team Lead		
Sandra Conlon	Control Room Team Leader	(425) 227-5209	
State Representative(s): Dennis Ritter, WUTC		Inspection Date(s) November 17-20, 2014	
Records Location:		Renton, WA	

Unit Description:
The Olympic Lateral Inspection includes the Seattle lateral (12" line, 12.83 miles long), SeaTac lateral (12" line, 5.54 miles long), Tacoma lateral (8" line, 3.72 miles long), Olympia lateral (6" line, 14.9 miles long), and Vancouver lateral (12" line, 4.4 miles long). The Olympia lateral has been out-of-service since early 2009. The 6" pipeline was purged and filled with nitrogen gas at 13 psig pressure. A section of the Olympia lateral was removed for construction of a new road at approximately MP 12.2 88 th Ave.
Portion of Unit Inspected:
All of the Olympic Pipeline laterals were inspected. Tank 107, Vancouver DF was inspected in the field. Records were reviewed in Renton WA at Renton Station. A field visit to selected facilities was conducted on Nov 18 and 19. See Field Notes for locations.

<p>Sat+ - Exceeds requirements/exemplary performance</p> <p>Sat - Meets requirements</p> <p>Con - "Concern" meets requirements, but is an area of recommendation and/or area that if not addressed may lead to non-compliance</p> <p>Unsat - Does not meet requirements</p> <p>N/A - Not Applicable</p>
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N/C – Not Checked

Assessment and Repair - Repair Criteria (HCA)

2. Timely Discovery From the review of the results of selected ILI and remediation projects, did discovery of all anomalies occur promptly, but no later than 180 days of completion of the assessment? (AR.RCHCA.DISCOVERY.R) (detail) 195.452(h)(2)

Notes

SAT

7. Pressure Reduction From the review of the results of ILI and remediation projects, was an acceptable pressure reduction promptly taken for each Immediate Repair condition or when a repair schedule could not be met? (AR.RCHCA.PRESSREDUCE.R) (detail) 195.452(l)(1)(ii) (95.404(a); 195.404 (b); 195.452(h)(1)(ii); 195.452(h)(4)(i); 195.55(a))

Notes

N/A-Condition did not exist during the scope of the inspection.

8. Categorization of Defects From the review of the results of integrity assessments and remediation projects, were there any defects that were not properly categorized? (AR.RCHCA.DEFECTCAT.R) (detail) 195.452(l)(1)(ii) (195.452(h)(4))

Notes

10. IM Schedule Do records demonstrate that the operator has met the schedule for remediating a condition in accordance with 195.452(h)(3)? (AR.RCHCA.IMSCHEDULE.R) (detail) 195.452(l)(1)(ii) (195.452.(h)(3))

Notes

N/A-Condition did not exist during the scope of the inspection

11. Timely Remediation From the review of the results of selected ILI and remediation projects, were defects in segments that could affect an HCA remediated or dispositioned within the applicable mandatory time limits of 195.452(h)(4)? (AR.RCHCA.SCHEDULEIMPL.R) (detail) 195.452(l)(1)(ii) (195.452(h)(4))

Notes

N/A-Condition did not exist during the scope of the inspection

Assessment and Repair - Repair Criteria (O and M)

3. Remedial Actions (OM) Do the performance and documentation of remediation meet procedural requirements for repairs in both HCA and non-HCA? (AR.RCOM.REMEDIATIONOM.O) (detail) 195.422(a) (195.422(b); 195.402(a); 195.402(c)(14); 195.569; 195.579(c))

Notes

N/A-Condition did not exist during the scope of the inspection

Assessment and Repair - External Corrosion Direct Assessment (ECDA)

4. ECDA Indirect Examination Was the indirect examination performed in accordance with the operator's procedures and 195.588(b)(3)? (AR.EC.ECDAINDIRECT.O) (detail) 195.588(c) (195.452(j)(5)(iii))

Notes

N/A-Condition did not exist during the scope of the inspection

6. ECDA Direct Examination *Was the direct examination performed in accordance with requirements?* (AR.EC.ECDADIRECT.O) (detail) 195.588(b)(4) (195.452(j)(5)(iii))

Notes

N/A-Condition did not exist during the scope of the inspection

7. Post Assessment *Do records indicate that requirements were met for post assessment?* (AR.EC.ECDAPOSTASSESS.R) (detail) 195.589(c) (195.588(b)(5); 195.452(j)(3); 195.452(j)(4))

Notes

N/A-Condition did not exist during the scope of the inspection

Assessment and Repair - In-Line Inspection (Smart Pigs)

9. IMP Baseline and/or Continual Assessments Prioritized Assessment Schedule *Does a review of records indicate that continual assessments are implemented as specified in the plan?* (AR.IL.ASSESSSCHEDULE.R) (detail) 195.452(l)(1)(ii) (195.452(b)(5); 195.452(c); 195.452(d); 195.452(f)(2); 195.452(f)(5))

Notes

SAT

13. Integration of ILI Results with Other Information *Did the operator integrate other data/information when evaluating tool data/results in the records reviewed?* (AR.IL.ILIINTEGRATION.R) (detail) 195.452(l)(1)(ii) (195.452(g))

Notes

SAT

20. Compliance with ILI Procedures *Have the ILI procedures been followed?* (AR.IL.ILIIMPLEMENT.O) (detail) 195.452(b)(5)

Notes

N/A-did not observe during the scope of the inspection

Assessment and Repair - Other Technology

2. Other Technology Process *From the review of the results of selected integrity assessments, do records show that the assessment was performed in accordance with procedures and vendor recommendations?* (AR.OT.OTPLAN.R) (detail) 195.452(l)(1)(ii) (195.452(j)(5)(iv); 195.452(f)(5))

Notes

N/A-Condition did not exist during the scope of the inspection

3. Other Technology Process *Has the process for the use of "Other Technology" been followed?* (AR.OT.OTPLAN.O) (detail) 195.452(j)(5)(iv)

Notes

N/A-Condition did not exist during the scope of the inspection

4. Categorization of Defects *From the review of the results of selected integrity assessments, were defects identified and categorized within 180 days or other applicable timeframe?* (AR.OT.OTDEFECTCAT.R) (detail) 195.452(l)(1)(ii) (195.452(f)(4); 195.452(h)(2))

Notes

N/A-Condition did not exist during the scope of the inspection

Assessment and Repair - Integrity Assessment Via Pressure Test

4. Conduct of Pressure Tests *From the review of the results of pressure tests, do the test records validate the pressure test?* (AR.PTI.PRESSTESTRESULT.R) (detail) 195.452(l)(1)(ii) (195.452(f)(2); 195.452(c))

Notes

SAT

5. Conduct of Pressure Tests *Was the pressure test conducted in accordance with procedures?* (AR.PTI.PRESSTESTRESULT.O) (detail) 195.452(j)(5)(ii) (195.452(c)(1)(i)(b))

Notes

SAT

Assessment and Repair - Repair Criteria

3. Remedial Actions (IM) *Are anomaly remediation and documentation of remediation adequate?* (AR.RC.REMEDIATION.O) (detail) 195.452(h) (195.402(a); 195.402(c)(14); 195.422(a); 195.569; 195.589(c))

Notes

N/A-did not observe during the scope of the inspection

Assessment and Repair - Repair Methods and Practices

2. Safety While Making Repair *Are repairs made in a safe manner and to prevent injury to persons and/or property damage?* (AR.RMP.SAFETY.O) (detail) 195.422(a) (195.402(c)(14))

Notes

N/A-did not observe during the scope of the inspection

4. Permissible Repair Methods *From the review of the results of integrity assessment and remediation projects, were all repairs performed in accordance with procedures and applicable sections of 49 CFR Part 195?* (AR.RMP.METHOD.R) (detail) 195.404(c)(1) (195.422(a); 195.422(b); 195.452(h)(1))

Notes

N/A-did not observe during the scope of the inspection

5. Qualification of Personnel Performing Pipeline Repair *From the review of the results of integrity assessment and remediation projects, were personnel performing repairs, other than welding, qualified for the task they performed?* (AR.RMP.REPAIRQUAL.R) (detail) 195.505(b) (195.507(a); 195.505(c); 195.452(h)(1))

Notes

N/A-did not observe during the scope of the inspection

6. Repair Records *From the review of the results of integrity assessment and remediation projects and/or field observation, do repair records document all information needed to understand the conditions of the pipe and its environment and provide the information needed to support the Integrity Management risk model?* (AR.RMP.PIPECONDITION.R) (detail) 195.404(c)(1) (195.404(c)(2))

Notes

N/A-Condition did not exist during the scope of the inspection-no repairs on laterals

7. Replacement Components *From the review of the results of integrity assessment and remediation projects and/or field observation, were components that were replaced constructed to the same or higher standards as the original component?* (AR.RMP.REPLACESTD.R) (detail) 195.422(b)

Notes

N/A-Condition did not exist during the scope of the inspection

9. Welder Qualification *From the review of the results of integrity assessment and remediation projects, were repairs requiring welding performed by qualified welders using qualified welding procedures?* (AR.RMP.WELDERQUAL.R) (detail) 195.214(a) (195.214(b); 195.222(a); 195.222(b); 195.452(h)(1))

N/A-Condition did not exist during the scope of the inspection-no repairs on laterals

10. Repair of Weld Defects *From the review of the results of integrity assessment and remediation projects, were weld defects repaired in accordance with §195.226 or §195.230?* (AR.RMP.WELDQUAL.R) (detail) 195.226(a) (195.226(b); 195.226(c); 195.230(a); 195.230(b); 195.230(c); 195.452(h)(1))

Notes

N/A-Condition did not exist during the scope of the inspection-no repairs on laterals

11. Inspection of Welds *From the review of the results of integrity assessment and remediation projects, were welds inspected and examined in accordance with 195.228 or 195.234?* (AR.RMP.WELDINSPECT.R) (detail) 195.228(a) (195.228(b); 195.234(a); 195.234(b); 195.234(c); 195.234(d); 195.234(e); 195.452(h)(1))

Notes

N/A-Condition did not exist during the scope of the inspection-no repairs on laterals

13. Crack Repair Criteria *If the IM risk assessment and integrity assessments found cracks, SCC, or crack like features cracking to be a threat on pipeline segments, have remedial actions been taken to address integrity issues when assessment criteria have been exceeded?* (AR.RMP.CRACKREMEDIATION.R) (detail) 195.452(l)(1)(ii) (195.452(f)(3))

Notes

N/A-Condition did not exist during the scope of the inspection-no cracks found on laterals

Integrity Management - High Consequence Areas

3. IMP High Consequence Areas HCA Identification *Do records show that locations and boundaries of HCA-affecting segments are correctly identified and maintained up-to-date?* (IM.HC.HCALOCATION.R) (detail) 195.452(l)(1)(ii) (195.452(f)(1); 195.452(a); 195.452(b)(2); 195.452(d)(3))

Notes

SAT

4. IMP High Consequence Areas HCA Identification *Are locations and boundaries of segments that can affect HCAs correctly identified and maintained up-to-date?* (IM.HC.HCALOCATION.O) (detail) 195.452(b)(5) (195.452(a); 195.452(b)(2); 195.453(f)(1))

Notes

SAT

Integrity Management - Preventive and Mitigative Measures

2. P&M Measures Actions Considered *Is there documentation of preventive and mitigative actions that have been considered and implemented?* (IM.PM.PMMGENERAL.R) (detail) 195.452(l)(1)(ii) (195.452(f)(6); 195.452(i)(1); 195.452(i)(2))

Notes

SAT

3. P&M Measures Actions Implemented *Have preventive and mitigative actions been implemented as described in the records?* (IM.PM.PMMIMPLEMENT.O) (detail) 195.452(f)(6) (195.452(i)(1); 195.452(i)(2); 195.452(i)(3); 195.452(i)(4))

Notes

SAT

10. P&M Measures Leak Detection Capability Evaluation *Do records indicate that all required and other relevant leak detection evaluation factors have been adequately evaluated?* (IM.PM.IMLEAKDETEVAL.R) (detail) 195.452(l)(1)(ii) (195.452(f)(6); 195.452(i)(3))

Notes

SAT

15. P&M Measures EFRD Need Evaluation *Have identified EFRD projects been implemented as planned?* (IM.PM.PMMEFRD.O) (detail) 195.452(i)(4)

Notes

SAT

Integrity Management - Quality Assurance

2. Performance Measures *Does the operator's evaluation of the selected performance measures provide meaningful insight into integrity management program performance?* (IM.QA.IMPERFMEAS.R) (detail) 195.452(l)(1)(ii) (195.452(f)(7); 195.452(k))

Notes

SAT

Integrity Management - Risk Analysis

7. Risk Analysis Input Information *Are conditions on the pipeline segments accurately reflected in the appropriate risk assessment data and information?* (IM.RA.RADATA.O) (detail) 195.452(f)(3) (195.452(g))

Notes

SAT

Maintenance and Operations - Low-Stress Rural Pipelines

3. Categorizing Rural Low Stress Pipelines *Are locations and boundaries of segments that can affect a USA correctly identified?* (MO.LS.CATEGORIZATION.O) (detail) 195.12(b) (195.12(b)(1); 195.12(b)(2); 195.12(b)(3); 195.452(a))

Notes

N/A-Condition did not exist during the scope of the inspection

Reporting - Notices and Reporting

5. Notifications *Has notification been made if Other Technology is used, technology is unavailable, the 5 year reassessment interval cannot be met, remediation schedule cannot be met and pressure cannot be reduced, or a pressure reduction exceeds 365 days? (RPT.NR.NOTIFICATIONS.R) (detail) 195.452(l)(1)(ii) (195.452(m))*

Notes

N/A-Condition did not exist during the scope of the inspection

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