

Results and Notes Review

FR.FIELD: Field Review

Question ID, [CR.CRM.CONTROLCENTER.O](#) , 193.2441(a) (193.2441(b); 193.2441(c);

References 193.2441(d); 193.2441(e))

Question Text *Does the control center have the required capabilities and characteristics?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Control room appears to be adequate.

Question ID, [FS.FG.POWERSOURCES.O](#) , 193.2445(a) (193.2445(b))

References

Question Text *Are there at least two sources of power for communication, emergency lighting, and firefighting systems?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes At least two sources of power are available.

Question ID, [MO.LO.STARTUPSHUTDOWN.O](#) , 193.2503(b)

References

Question Text *Is performance testing being conducted to demonstrate that components will operate satisfactorily in service during startup and shutdown?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Observed operations during injection of gas.

Question ID, [MO.LO.COOLDOWN.O](#) , 193.2505(b)

References

Question Text *Were leak checks performed on components subject to cryogenic temperatures following stabilization?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Observed operations during injection of gas.

Question ID, [MO.LO.MONITOR.O](#) , 193.2507

References

Question Text *Are operating components and building monitored for leaks, fire, and malfunctions that could cause a hazardous condition?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Observed operations during injection of gas.

Question ID, [EP.ERL.EMERPERSONPROT.O](#) , 193.2511(a)

References

Question Text *Is emergency protective clothing and equipment at the locations and of the type specified?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Flame resistant and Cyrogenic Liquid protective clothing are available and appropriate.

Question ID, [EP.ERL.THERMRADPROT.O](#) , 193.2511(b)

References

Question Text *Is a means of protection from thermal radiation or a means of escape provided at applicable fixed duty locations?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Means of escape is provided for the control room.

Question ID, [EP.ERL.FIRSTAID.O](#) , 193.2511(c)

References

Question Text *Is first aid material readily available and clearly marked?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes First aid and burn kits are available at building entrances.

Question ID, [MO.LO.LNGTRANS.O](#) , 193.2513(b)

References

Question Text *Were LNG transfers conducted in accordance with the process?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No transfers of LNG were observed.

Question ID, [MO.LO.CARGOTRANS.O](#) , 193.2513(c)

References

Question Text *Were cargo transfers conducted in accordance with the process?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No transfers of LNG were observed.

Question ID, [MO.LO.PURGEINERT.O](#) , 193.2517

References

Question Text *Is purging of components that can accumulate significant amounts of combustible mixture conducted in accordance with procedures?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Combustible mixture will not created in this facility.

Question ID, [MO.LO.COMMSYS.O](#) , 193.2519(a) (193.2519(b); 193.2519(c); 193.2445(b))

References

Question Text *Does the communication system meet all of the requirements of 193.2519?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Voice communication and radio communication are onsite.

Question ID, [MO.LM.FOREIGNMAT.O](#) , 193.2607(a) (193.2607(b))

References

Question Text *Is the facility free of foreign material or debris that presents a fire hazard?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Facility appears clean and free of foreign material or debris.

Question ID, [MO.LM.PHYSICALSUPPORT.O](#) , 193.2609

References

Question Text *Are foundations and support systems structurally sound?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Support systems are checked monthly - Supports look good

Question ID, [MO.LM.FIREPROTACCESS.O](#) , 193.2611(b)

References

Question Text *Are access routes for movement of fire control equipment clear of snow and other obstacles?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Access routes for fire extinguishers appear clear. As required they remove snow.

Question ID, [MO.LM.AUXPOWERTEST.O](#) , 193.2613

References

Question Text *Are monthly or annual tests performed as required by the process?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Monthly checks of Auxiliary Power Source - Performed a Auxiliary Power Source during field portion.

Question ID, [MO.LM.CONTROLSYS.O](#) , 193.2619(a)

References

Question Text *Are control systems operating within design limits?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Control systems were monitored during send out.

Question ID, [MO.LM.TXHOSE.O](#) , 193.2621(b)

References

Question Text *Are transfer hoses inspected before each use?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Truck unload procedure includes a visual inspection of hoses for any damage.

Question ID, [FS.TS.STRGTANK.O](#) , 193.2623(a) (193.2623(b); 193.2623(c); 193.2623(d))

References

Question Text *Do storage tanks appear structurally sound and safe?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Storage tanks appear safe and structurally sound.

Question ID, [TD.ATM.ATMCORROSION.O](#) , 193.2627(b)

References

Question Text *Are coated/jacketed components subject to atmospheric corrosion protected?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Question ID, [TD.CP.CURRENTTEST.O](#) , 193.2635(a) (193.2635(b); 193.2635(c))

References

Question Text *Are rectifiers, interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No such rectifiers, diodes or reverse current switches.

Question ID, [TD.ATM.ATMCORRMONITOR.O](#) , 193.2635(d)

References

Question Text *Is there any visible corrosion on components protected from atmospheric corrosion?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No areas of visible corrosion during field inspection.

Question ID, [TQ.OQ.OMQUAL.O](#) , 193.2707(a)

References

Question Text *Do individuals conducting operations and maintenance of components demonstrate adequate skills and knowledge?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed operator qualification records.

Question ID, [TQ.OQ.OMNONQUAL.O](#) , 193.2707(b)

References

Question Text *Are non-qualified individuals conducting operations and maintenance of components being directed and observed by a qualified individual?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No Operations or Maintenance observed without proper qualifications.

Question ID, [TQ.OQ.CORRCONTRPERS.O](#) , 193.2707(c)

References

Question Text *Do individuals conducting, or directing, corrosion control activities demonstrate adequate skills and knowledge?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Corrosion Control personnel are qualified NACE 2 along with OQ Qualifications.

Question ID, [TQ.TR.FIREDRILLS.O](#) , 193.2717(c)

References

Question Text *Do personnel demonstrate adequate fire protection skills during a fire drill?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No fire drill observed during field portion. Fire drills performed every year.

Question ID, [FS.FG.ESD.O](#) , 193.2801

References

Question Text *Has an emergency shutdown system (ESD) been installed that meets the requirements of NFPA 59A, Section 9.2?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes ESD system has visible and audible alarms.

Question ID, [FS.FG.GASFIREDETECT.O](#) , 193.2801

References

Question Text *Do flammable gas and fire detection systems meet the requirements of NFPA 59A, Section 9.3?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Plant combustion vapor detectors alarm at 20% LEL, ESD shutdown at 40% LEL

Question ID, [FS.FG.FIREWATERDIST.O](#) , 193.2801

References

Question Text *Does the fire water supply and delivery system meet the requirements of NFPA 59A, Section 9.4?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Observed fire-hose test of monitor and spill pit.

Question ID, [FS.FG.FIREPROTEQUIP.O](#) , 193.2801

References

Question Text *Does the staging of fire protection equipment meet the requirements of NFPA 59A, Section 9.5?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Checked random sample of fire extinguishers for monthly check. All OK

Question ID, [FS.FG.PROTCLOTHING.O](#) , 193.2801

References

Question Text *Is protective clothing available as required by NFPA 59A, Section 9.7.1?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Protective clothing is readily available to facility personnel.

Question ID, [FS.FG.CONFINEDSPACE.O](#) , 193.2801

References

Question Text *Are at least three portable gas detectors available for use when personnel enter into a confined or hazardous space in accordance with NFPA 59A, Section 9.7.4?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Three calibrated portable gas detectors are available for use.

Question ID, [FS.FG.PROTECTENCLOSE.O](#) , 193.2905(a) (193.2905(b); 193.2905(c);

References 193.2905(e); 193.2905(e))

Question Text *Are applicable facilities surrounded by adequate protective enclosures?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Protective enclosures appear adequate.

Question ID, [FS.FG.PROTECTENCLOSURECON.O](#) , 193.2907(a) (193.2907(b))

References

Question Text *Are protective enclosures adequately configured to prevent unauthorized access?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Fences and gates are topped with barbed wire.

Question ID, [FS.FG.SECURITYCOMM.O](#) , 193.2909(a) (193.2909(b))

References

Question Text *Are there adequate security communication capabilities?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Facility is monitored 24/7 by Gas Control

Question ID, [FS.FG.SECURITYLIGHT.O](#) , 193.2911

References

Question Text *Is adequate security lighting provided, where applicable?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Security Lighting appeared adequate during Feb 2014 visit.

Question ID, [FS.FG.SECURITYMONITOR.O](#) , 193.2913

References

Question Text *Does security monitoring meet requirements applicable to the facility?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Facility is monitored 24/7 by Gas Control

Question ID, [FS.FG.ALTPOWER.O](#) , 193.2915 (193.2445(a); 193.2445(b))

References

Question Text *Is there an alternate power source for security lighting and security monitoring and warning systems?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Checked Alternate Power Source operation.

Question ID, [FS.FG.WARNSIGN.O](#) , 193.2917(a) (193.2907(b))

References

Question Text *Are warning signs placed about the protective enclosure such that they can be seen from 100 ft at night?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Warning signs would be visible at night.

PRO.REPORT: Reporting

Question ID, [RPT.RR.IMMEDREPORT.P](#) , 193.2011 (191.3; 191.5(a); 191.5(b); 191.7(a);
References 191.7(d))

Question Text *Are procedures in place to immediately report incidents to the National Response Center?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes EOP #5.7, GOS 2425.1100 #4.1-4.2

PRR.REPORT: Regulatory Reporting Performance

Question ID, [RPT.RR.IMMEDREPORT.R](#) , 193.2011 (191.3; 191.5(a); 191.5(b); 191.7(a);
References 191.7(d))

Question Text *Do records indicate immediate reports of incidents were made in accordance with 193.2011?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No Incidents

PRO.REPORT: Reporting

Question ID, [RPT.RR.INCIDENTREPORT.P](#) , 193.2011 (191.15(b))
References

Question Text *Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes GOS 2425.1100 #4

PRR.REPORT: Regulatory Reporting Performance

Question ID, [RPT.RR.INCIDENTREPORT.R](#) , 193.2011 (191.15(b))
References

Question Text *Do records indicate reportable incidents were identified and reports were submitted on DOT Form PHMSA 7100.3 within the required timeframe?*

PRO.REPORT: Reporting

Question ID, [RPT.RR.INCIDENTREPORTSUPP.P](#) , 193.2011 (191.15(c))

References

Question Text *Does the process require preparation and filing of supplemental incident reports?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes GOS 2425.1100 Section 4.5

PRR.REPORT: Regulatory Reporting Performance

Question ID, [RPT.RR.INCIDENTREPORTSUPP.R](#) , 193.2011 (191.15(c))

References

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

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No Incidents

Question ID, [RPT.RR.ANNUALREPORT.R](#) , 193.2011 (191.17(b))

References

Question Text *Have complete and accurate Annual Reports been submitted?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes 2013 Annual Report submitted on 3/12/2014

PRO.REPORT: Reporting

Question ID, [RPT.RR.OPID.P](#) , 193.2011 (191.22(a); 191.22(b); 191.22(c); 191.22(d))

References

Question Text *Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs)?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes GOS 2425.1100 Section 9.2

PRR.REPORT: Regulatory Reporting Performance

Question ID, [RPT.RR.NPMSANNUAL.R](#) , Pipeline Safety Improvement Act of 2002 (49 USC
References 60132) (Advisory Bulletin ADB-03-02; Advisory Bulletin ADB-08-07)

Question Text *Do records indicate: NPMS submissions are updated every 12 months if system modifications (excludes distribution lines and gathering lines) occurred, and if no modifications occurred an email to that effect was submitted?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Submitted on Feb 7, 2014

PRO.REPORT: Reporting

Question ID, [RPT.RR.SRCR.P](#) , 193.2011 (191.23(a); 191.23(b); 191.25(a); 191.25(b))
References

Question Text *Does the process require preparation and filing of safety related condition report?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes 2425.1200 Section 4.1

PRR.REPORT: Regulatory Reporting Performance

Question ID, [RPT.RR.OPID.R](#) , 193.2011 (191.22(a); 191.22(b); 191.22(c))
References

Question Text *Do records indicate appropriate obtaining and control, of Operator Identification Numbers (OPIDs)?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes OPID for PSE was confirmed in 2012, no significant changes to date. New LNG plant could require a new OPID number.

Question ID, [RPT.RR.SRCR.R](#) , 193.2011 (191.23(a); 191.23(b); 191.25(a); 191.25(b))
References

Question Text *Do records indicate safety-related condition reports were filed as required?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No Safety Related Conditions have occurred

PRO.PROCEDURE: Plans and Procedures

Question ID, [MO.LO.PROCESSUPDATE.P](#) , 193.2017(a) (193.2017(c))

References

Question Text *Are there adequate requirements for review and update of plant plans and procedures?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 17.1.2

PRR.OPS: Operating

Question ID, [MO.LO.PROCESSUPDATE.R](#) , 193.2521 (193.2017(c)(2))

References

Question Text *Do records show that plans and procedures have been reviewed and updated as necessary?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Manual review completed every two years.

Question ID, [MO.LO.ABNORMALOPS.R](#) , 193.2521 (193.2503(c))

References

Question Text *Do records show personnel responded to indications of abnormal operations as required by the AOC procedures?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No incidents , no abnormal operating conditions reported.

Question ID, [MO.LO.VAPORIZATION.R](#) , 193.2521 (193.2503(e))

References

Question Text *Do records show that vaporizers operated within their design limits?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed random sample of cold weather action form for 2012-2013 and output never exceeded Design Limits.

Question ID, [MO.LO.LIQUEFACTION.R](#) , 193.2521 (193.2503(f))

References

Question Text *Do records show that components operated within their liquefaction design limits?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No liquefaction at this facility.

Question ID, [MO.LO.COOLDOWN.R](#) , 193.2521 (193.2505(a); 193.2505(b); 193.2503(g))

References

Question Text *Do records show that cooldown of components was maintained within design limits?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Cooldown is limited to 15% total flow.

Question ID, [MO.LO.MONITOR.R](#) , 193.2521 (193.2507)

References

Question Text *Do records show that the operator monitored operating components and buildings for leaks, fires, and malfunctions that could cause a hazardous condition?*

Result **Sat+**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Line walks performed every 15 minutes during operation.

Question ID, [EP.ERL.EVACUATION.R](#) , 193.2521 (193.2509(b)(3))

References

Question Text *Do records show that evacuation plans were coordinated with local authorities?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes In 2014 they will have drills with local police and fire departments.

Question ID, [EP.ERL.MUTUALASSIST.R](#) , 193.2521 (193.2905(b)(4))

References

Question Text *Do records show cooperation with local officials on mutual assistance?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Eric Waters, Division chief-Prevention for Gig Harbor Fire and telephonic contact with Carl Shanks of Pierce County Sheriff. Also contacted the Gig Harbor Police, Kelly Busey. All were contacted during July 2014.

Question ID, [MO.LO.LNGTRANS.R](#) , 193.2521 (193.2513(a)21; 193.2513(b))

References

Question Text *Do records show that LNG transfers were conducted in accordance with requirements?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Records show transfer procedures were followed during transfer. Witnessed transfer of LNG on Feb 4, 2014.

Question ID, [MO.LO.CARGOTRANS.R](#) , 193.2521 (193.2513(c))

References

Question Text *Do records show that cargo transfers were conducted in accordance with the process?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes During each transfer a separate checklist is filled out.

Question ID, [MO.LO.FAILINVESTIGATE.R](#) , 193.2521 (193.2515(a); 193.2515(b); 193.2515(c))

References

Question Text *Do records show that the operator adequately investigated failures?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No failures have occurred.

Question ID, [MO.LO.PURGEINERT.R](#) , 193.2517 (193.2503(d))

References

Question Text *Do records show that components that could accumulate significant amounts of combustible mixture were adequately purged?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No components would accumulate a combustible mixture during normal operations.

Question ID, [MO.LO.STARTUPSHUTDOWN.R](#) , 193.2521 (193.2503(b))

References

Question Text *Do records show that performance testing was conducted to demonstrate that components operated satisfactorily in service during startup and shutdown?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed Vaporization Procedure Checklists for operations during 2012-2013

PRR.MAINT: Maintenance

Question ID, [MO.LM.CMPNTSTATUS.R](#) , 193.2639(a) (193.2603(c); 193.2603(d))

References

Question Text *Do records show that the status of out of service components was documented as required?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Facility has no components out of service.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.MONITOR.P](#) , 193.2017(a) (193.2503(a), 193.2507)

References

Question Text *Does the process require the monitoring of operating components and buildings for leaks, fires, and malfunctions that could cause a hazardous condition?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 24.6

PRR.MAINT: Maintenance

Question ID, [MO.LM.PHYSICALSUPPORT.R](#) , 193.2639(a) (193.2609)

References

Question Text *Do records show that foundations and support systems have been inspected?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed Tank Foundations - Support Systems forms for 2011-2013.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.STARTUPSHUTDOWN.P](#) , 193.2017(a) (193.2503(b))

References

Question Text *Does the process require performance testing to demonstrate that components will operate satisfactory in service during startup and shutdown?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 12.2(Start up) to 13.4 (Shut down)

PRR.MAINT: Maintenance

Question ID, [MO.LM.FIREPROTOOS.R](#) , 193.2639(a) (193.2611(a))

References

Question Text *Do records show that maintenance activities on fire protection equipment are scheduled to minimize downtime and ensure a minimum amount of equipment is available?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Maintenance schedule is to test each Ultra Violet Infrared (UVIR) and Combustible Gas Detectors (CVD) quarterly in place so that the remaining detectors are in service. Reviewed records for 2011-2013.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.ABNORMALOPS.P](#) , 193.2017(a) (193.2503(c))

References

Question Text *Does the process include provisions for recognizing abnormal operating conditions?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 14.10.4

PRR.MAINT: Maintenance

Question ID, [MO.LM.AUXPOWERTEST.R](#) , 193.2639(a) (193.2613)

References

Question Text *Do records show that auxiliary power systems have been tested monthly for operational capability and annually for capacity?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed monthly tests and annual load test for Emergency Generator. Reviewed records for 2011-2013.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.PURGEINERT.P](#) , 193.2017(a) (193.2503(d); 193.2517)

References

Question Text *Does the process require that components that could accumulate significant amounts of combustible mixtures be adequately purged?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 18.9 & 18.10

PRR.MAINT: Maintenance

Question ID, [MO.LM.REPAIRS.R](#) , 193.2639(a) (193.2617(a); 193.2617(b))

References

Question Text *Do records show that repairs of components were made in accordance with 193 Subpart D (Construction) and assured integrity/operational safety?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Repairs are completed with written procedures by qualified personnel.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.VAPORIZATION.P](#) , 193.2017(a) (193.2503(e))

References

Question Text *Does the process require that vaporizers operate within design limits?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Table 5.2 Design Criteria 65,000-650,000 SCFH

PRR.MAINT: Maintenance

Question ID, [MO.LM.CONTROLSYS.R](#) , 193.2639(a) (193.2619(b); 193.2619(c); 193.2619(d);

References 193.2619(e))

Question Text *Do records show that control systems, relief valves, and other components were inspected or tested in accordance with 193.2619?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Facility is always in service. Reviewed relief valve inspections.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.LIQUEFACTION.P](#) , 193.2017(a) (193.2503(f))

References

Question Text *Does the process require that liquefaction units operate within their design limits?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Plant does not have liquefaction.

PRR.MAINT: Maintenance

Question ID, [MO.LM.OTHERTESTS.R](#) , 193.2639(a) (193.2605(b))

References

Question Text *Do records show that all applicable components not covered by 193.2619 have been inspected and tested per the O&M manual?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed records for ESD system checks, low temperature detectors, and fire extinguishers. The hydrants inside the plant are tested along with the sump pump every month.

PRO.NORMOPS: Normal Operations

Question ID, [MO.LO.COOLDOWN.P](#) , 193.2017(a) (193.2503(g); 193.2505(a); 193.2505(b))

References

Question Text *Does the process require that the thermal stress of components be kept within design limits during cooldown?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 13.3.3 & 13.3.6

PRO.EMEROPS: Emergency Operations

Question ID, [EP.ERL.EMEROPS.P](#) , 193.2017(a) (193.2509(a))

References

Question Text *Does the process identify the types and locations of non-fire emergencies that may be expected to occur?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13.1 Section 3.1.1

PRR.TXHOSE: Maintenance: Transfer Hoses

Question ID, [MO.LM.TXHOSE.R](#) , 193.2639(a) (193.2621(a); 193.2621(b))

References

Question Text *Do records show that transfer hoses have been tested once each calendar year and inspected before each use?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed mobile liquid hose 3-inch and Truck Transfer Hose and unload Vapor test reports for 2011-2013.

PRO.EMEROPS: Emergency Operations

Question ID, [EP.ERL.CONTREMERG.P](#) , 193.2017(a) (193.2509(b)(1))

References

Question Text *Do emergency procedures contain provisions for responding to controllable emergencies?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section III, Emergency Operations

Question ID, [EP.ERL.UNCONTREMERG.P](#) , 193.2017(a) (193.2509(b)(2))

References

Question Text *Do emergency procedures contain provisions for responding to uncontrollable emergencies?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section III, Emergency Operations

Question ID, [EP.ERL.EVACUATION.P](#) , 193.2017(a) (193.2509(b)(3))

References

Question Text *Do emergency procedures require a process for coordinating evacuation plans with local officials?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section 5.2.4 Coordination with External Agencies

Question ID, [EP.ERL.MUTUALASSIST.P](#) , 193.2017(a) (193.2509(b)(4))

References

Question Text *Do emergency procedures require cooperating with local officials in evacuations and emergencies requiring mutual assistance?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section 2.6.8, 3.0, 2.5, Table 5-A.

PRO.PERSONSAFE: Personnel Safety

Question ID, [EP.ERL.EMERPERSONPROT.P](#) , 193.2017(a) (193.2511(a))

References

Question Text *Does the process require that protective clothing and equipment be provided to personnel performing emergency response duties?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP13-01 Section 4.7.1

PRR.STRGTANK: Maintenance: Storage Tank

Question ID, [FS.TS.STRGTANK.R](#) , 193.2639(a) (193.2623(a); 193.2623(b); 193.2623(c);

References 193.2623(d))

Question Text *Do records show that storage tanks have been adequately inspected?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Both storage tanks are inspected weekly.

PRO.PERSONSAFE: Personnel Safety

Question ID, [EP.ERL.THERMRADPROT.P](#) , 193.2017(a) (193.2511(b))

References

Question Text *Does the process require that personnel on duty at fixed locations be provided protection from thermal radiation or a means of escape?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section 6.0 - Fire resistant suits are provided for fighting small fires, For large fires staff would evacuate and assist local fire companies.

Question ID, [EP.ERL.FIRSTAID.P](#) , 193.2017(a) (193.2511(c))

References

Question Text *Does the process require that first-aid material be readily available and properly marked?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section 6.0

PRO.TRANSFER: Transfer

Question ID, [MO.LO.LNGTRANS.P](#) , 193.2017(a) (193.2513(a); 193.2513(b))

References

Question Text *Is the process adequate for the transfer of LNG or other hazardous fluids?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Effective Date 08/01/13 - Section 14(truck unloading) & Section 15(truck loading)

PRR.CORROSION: Maintenance: Corrosion Control

Question ID, [TD.GEN.CORROSION.R](#) , 193.2639(b) (193.2625(a); 193.2625(b))

References

Question Text *Do records show that components that can be adversely affected by corrosion are identified, and protected, or inspected and replaced?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Components are mostly stainless steel. Atmospheric corrosion is monitored on non-stainless components.

PRO.TRANSFER: Transfer

Question ID, [MO.LO.CARGOTRANS.P](#) , 193.2017(a) (193.2513(a); 193.2513(c))

References

Question Text *Does the process require the cargo transfer procedures be located at the transfer area and contain the provisions of 193.2513(c)?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Effective Date 08/01/13 - Section 14(truck unloading)

PRR.CORROSION: Maintenance: Corrosion Control

Question ID, [TD.CP.BURIEDCOMP.R](#) , 193.2639(b) (193.2629(a))

References

Question Text *Do records show that applicable buried and submerged components are protected from external corrosion?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed CP records for Pipe to soil on buried steel pipeline annually.

Question ID, [TD.CP.INTFRCURRENT.R](#) , 193.2639(b) (193.2633(a))

References

Question Text *Do records show that the operator has a continuing program to minimize the detrimental effects of interference currents?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No interference currents have been detected within the facility.

Question ID, [TD.CP.EXTCORRMONITOR.R](#) , 193.2639(b) (193.2635(a))

References

Question Text *Do records show that buried or submerged components cathodic protection adequacy was tested once each calendar year not to exceed 15 months?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Buried or submerged pipelines are monitored annually per the records. All surveys were satisfactory with no remediation required.

Question ID, [TD.CP.CURRENTTEST.R](#) , 193.2369(b) (193.2635(b); 193.2635(c))

References

Question Text *Do records show adequate electrical checks of rectifiers or other impressed current power source, interference bonds, reverse current switches and diodes and at the required intervals?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes System is galvanic. No rectifiers, diodes, reverse current switches in the facility.

Question ID, [TD.ATM.ATMCORRMONITOR.R](#) , 193.2639(b) (193.2635(d))

References

Question Text *Do records show that inspections for atmospheric corrosion were completed at the required intervals?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Atmospheric corrosion is monitored every 3 years. Records appear adequate.

Question ID, [TD.ICP.INTCORRMONITOR.R](#) , 193.2639(b) (193.2635(e))

References

Question Text *Do records show that internal corrosion monitoring devices were checked twice per calendar year, not to exceed 7.5 months?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes No coupons or internal corrosion found in the facility.

Question ID, [TD.CP.REMEDIATE.R](#) , 193.2639(b) (193.2637)

References

Question Text *Do records show that prompt remedial action was taken whenever corrosion control deficiencies were found?*

Result **NA**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Annual reads have never shown any deficiencies.

Question ID, [TD.CP.RECORDS.R](#) , 193.2639(b) (193.2639(c))

References

Question Text *Does the operator have records showing cathodically protected components, structures bonded to the CP system, and corrosion protection equipment?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Reviewed on PSE maps the location of anodes attached to the send out pipeline.

PRO.FAIL: Investigation of Failure

Question ID, [MO.LO.FAILINVESTIGATE.P](#) , 193.2017(a) (193.2515(a); 193.2515(b);

References 193.2515(c))

Question Text *Does the process require that failures be investigated?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Effective08/01/13 - Section 8.0

PRR.PERSONHEALTH: Personnel Health

Question ID, [TQ.OO.PERSONHEALTH.R](#) , 193.2711

References

Question Text *Do records show that the health and physical condition of personnel assigned operations, maintenance, security, or fire protection duties have been evaluated?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Previous supervisor had completed the training for fitness for duty. Current supervisor will be trained within 12 months.

PRO.COMM: Communication System

Question ID, [MO.LO.COMMSYS.P](#) , 193.2017(a) (193.2519(a); 193.2519(b); 193.2519(c);

References 193.2445(a); 193.2442(b))

Question Text *Does the process require an adequate communication system?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP 13-01 Section 2.5 Communications Systems

PRR.TRAIN: Initial and Follow-up Training

Question ID, [TQ.OQ.OMQUAL.R](#) , 193.2719(a) (193.2707(a); 193.2707(b))

References

Question Text *Do records show that operations and maintenance of components was conducted by personnel who met the qualifications and training requirements?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.OQ.CORRCONTRPERS.R](#) , 193.2719(a) (193.2707(c))

References

Question Text *Do records demonstrate that personnel who perform corrosion control, or supervise unqualified individuals, are qualified in corrosion control technology?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Corrosion Control personnel are qualified per NACE qualifications. CP techs are NACE-2.

Question ID, [TQ.OO.TRAINOM.R](#) , 193.2713(a) (193.2719(a); 193.2719(b))

References

Question Text *Do records show that operations, maintenance, and supervisory personnel have received the mandatory initial training?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.OO.RETRAINOM.R](#) , 193.2713(b) (193.2719(a))

References

Question Text *Do records show that operations, maintenance, and supervisory personnel received refresher training every two years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.OO.TRAINSECURITY.R](#) , 193.2715(a) (193.2719(a))

References

Question Text *Do records show that security personnel received mandatory initial training?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.OO.RETRAINSECURITY.R](#) , 193.2715(b) (193.2719(a))

References

Question Text *Do records show that security personnel received refresher training every two years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.TR.TRAINFIREPROT.R](#) , 193.2717(a) (193.2717(a)(1); 193.2717(a)(2);

References 193.2717(a)(3); 193.2719(a); 193.2719(b))

Question Text *Do records show that operations, maintenance, and supervisory personnel have been adequately trained in fire protection?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years, but they do the fire training annually.

Question ID, [TQ.TR.RETRAINFIREPROT.R](#) , 193.2717(b) (193.2719(a); 193.2719(b))

References

Question Text *Do records show that operations, maintenance, and supervisory personnel received refresher fire protection training every two years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years.

Question ID, [TQ.TR.FIREDRILLS.R](#) , 193.2717(c) (193.2719(a); 193.2719(b))

References

Question Text *Do records show that fire drills have been conducted at the frequency required by the written plan?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Operations personnel have been trained to PSE0201-OP1 Appendix H prior to operation. Re-qualification is every two years, but they do the fire training annually.

PRR.FIREPROT: Fire Protection

Question ID, [FS.FG.FPEVAL.R](#) , 193.2801

References

Question Text *Do records show that an adequate NFPA-59A fire protection evaluation has been conducted?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes CHI Engineering Services Incorporated, Portsmouth, NH designed the facility per NFPA-59A.

PRO.RECORDS: Operating Record

Question ID, [MO.LO.OPERATINGRECORD.P](#) , 193.2017(a) (193.2521)

References

Question Text *Is there a an adequate process for maintaining the records of each inspection, test and investigation required by Part 193?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 8/1/13 - Section 17.1.7

PRO.MAINT: Maintenance

Question ID, [MO.LM.CMPNTSTATUS.P](#) , 193.2017(a) (193.2603(a); 193.2603(b); 193.2603(d);

References 193.2603(e))

Question Text *Does the process meet the general requirements for the condition and status of components?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 17.1.1, 20.1, 20.2.

Question ID, [MO.LM.MAINTPROCEDURES.P](#) , 193.2017(a) (193.2605(a); 193.2605(b))

References

Question Text *Does the operator have procedures for the maintenance of each component, including any required corrosion control?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 17 Maintenance Procedures Overview.

Question ID, [MO.LM.MAINTSRC.P](#) , 193.2017(a) (193.2605(a); 193.2605(c))

References

Question Text *Does the maintenance process contain instructions for recognizing a reportable safety-related condition?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes Standard 2425.1200 Effective 03/01/14 Reporting Requirements for Safety-Related Conditions.

Question ID, [MO.LM.FOREIGNMAT.P](#) , 193.2017(a) (193.2607(a); 193.2607(b))

References

Question Text *Does the process require that the facility be free from the presence of foreign material and debris?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 22 & 23

PRO.SUPPORT: Support System

Question ID, [MO.LM.PHYSICALSUPPORT.P](#) , 193.2017(a) (193.2609)

References

Question Text *Does the process require that foundations and support systems be inspected for changes that could impair their support?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 24.13 - Support systems

PRO.FIREPROT: Fire Protection

Question ID, [MO.LM.FIREPROTOOS.P](#) , 193.2017(a) (193.2611(a))

References

Question Text *Does the process require that the amount of fire control equipment out of service at any one time be minimized?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 24.1.2.2

Question ID, [MO.LM.FIREPROTACCESS.P](#) , 193.2017(a) (193.2611(b))

References

Question Text *Does the process require that access routes for movement of fire protection equipment be kept clear?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 22.4

PRO.AUXPWR: Auxiliary Power Source

Question ID, [FS.FG.POWERSOURCES.P](#) , 193.2445(a) (193.2445(b))

References

Question Text *Does the process require at least two sources of power for communication, emergency lighting, and firefighting systems?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 3.3

Question ID, [MO.LM.AUXPOWERTEST.P](#) , 193.2017(a) (193.2613)

References

Question Text *Does the process require that auxiliary power sources be tested monthly for operational capability and annually for capacity?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 24.10

PRO.ISOPURGE: Isolating and Purging

Question ID, [MO.LM.ISOPURGE.P](#) , 193.2017(a) (193.2615(a); 193.2615(b))

References

Question Text *Does the process require purging of components handling flammable liquids prior to maintenance or, if the component or maintenance activity provides an ignition source, isolation of the component?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 18 - Purging and Isolation Procedures

PRO.REPAIR: Repair

Question ID, [MO.LM.REPAIRS.P](#) , 193.2017(a) (193.2617(a); 193.2617(b))

References

Question Text *Does the process require that repairs conform to the requirements of 193 Subpart D (Construction) and assure integrity/operational safety?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 17.2.8.1

PRO.CNTRLSYS: Control System

Question ID, [MO.LM.CONTROLSYS.P](#) , 193.2017(a) (193.2619(a); 193.2619(b); 193.2619(c);

References 193.2619(d); 193.2619(e))

Question Text *Does the process require that control systems meet the requirements of 193.2619?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections (a) Section 24.8 to 28.8.2.2, (b) Section 24.8.1.6; (c) Section 24.8.1.7, 24.8.1.5; (d) Section 24.8.1.4 (e) Section 24.9.3.4 & 24.9.3.5

PRO.TXHOSE: Testing Transfer Hose

Question ID, [MO.LM.TXHOSE.P](#) , 193.2017(a) (193.2621(a); 193.2621(b))

References

Question Text *Does the process require the testing and inspection of transfer hoses before use and annually?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 24.14.2.1.1 & 24.14.2.2

PRO.STRGTANK: Inspecting LNG Storage Tank

Question ID, [FS.TS.STRGTANK.P](#) , 193.2017(a) (193.2623(a); 193.2623(b); 193.2623(c);

References 193.2623(d))

Question Text *Does the process require that storage tanks be inspected or tested to verify tank safety and structural integrity?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 24.15.1.1

PRO.CORROSION: Corrosion Protection

Question ID, [TD.GEN.CORROSION.P](#) , 193.2017(a) (193.2625(a); 193.2625(b))

References

Question Text *Does the process require that components that can be adversely affected by corrosion be identified, and protected, or inspected and replaced?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

PRO.ATMCORROSION: Atmospheric Corrosion

Question ID, [TD.ATM.ATMCORROSION.P](#) , 193.2017(a) (193.2627(a); 193.2627(b))

References

Question Text *Does the process require that components subject to atmospheric corrosion are made of corrosion-resistant materials or protected?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.8 - Atmospheric Corrosion Control

PRO.BURycORROSION: External Corrosion Control: Buried or Submerged Components

Question ID, [TD.CP.BURIEDCOMP.P](#) , 193.2017(a) (193.2629(a); 193.2629(b))

References

Question Text *Does the process require that buried components are made of a corrosion-resistant material, or protected by coating and cathodic protection?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.6 - External Corrosion Control Buried Pipelines and Components

PRO.INTCORROSION: Internal Corrosion Control

Question ID, [TD.ICP.INTCORR.P](#) , 193.2017(a) (193.2631(a); 193.2631(b))

References

Question Text *Does the process require that components subject to internal corrosion be made of corrosion-resistant material or be protected?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.7 - Internal Corrosion Control

PRO.INTFRCURRENT: Interference Current

Question ID, [TD.CP.INTFRCURRENT.P](#) , 193.2017(a) (193.2633(a))

References

Question Text *Does the process give sufficient guidance and detail for identifying areas of potential interference current and minimizing the detrimental effects of such currents?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 25.6.3.7

Question ID, [TD.CP.ISOLATE.P](#) , 193.2017(a) (193.2633(b); 193.2633(c))

References

Question Text *Does the process require that cathodic protection be installed to minimize the detrimental effects on adjacent metal components and communication and control systems?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.6.3

PRO.CORROSIONMONITOR: Monitoring Corrosion Control

Question ID, [TD.CP.EXTCORRMONITOR.P](#) , 193.2017(a) (193.2635(a))

References

Question Text *Does the process require that each buried or submerged component be tested for cathodic protection adequacy at least once each calendar year not to exceed 15 months?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.6.3.5

Question ID, [TD.CP.CURRENTTEST.P](#) , 193.2017(a) (193.2635(b); 193.2635(c))

References

Question Text *Does the process require making electrical checks of rectifiers or other impressed current power source, interference bonds, reverse current switches and diodes at the code specified frequencies?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 25.6.3.6

Question ID, [TD.ATM.ATMCORRMONITOR.P](#) , 193.2017(a) (193.2635(d))

References

Question Text *Does the process require that each component that is protected from atmospheric corrosion be inspected at intervals not to exceed 3 years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 25.8.3.1

Question ID, [TD.ICP.INTCORRMONITOR.P](#) , 193.2017(a) (193.2635(e))

References

Question Text *Does the process require that internal corrosion monitoring devices be checked at least twice each calendar year, not to exceed 7.5 months?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 25.7.3.2

PRO.REMEDIATE: Remedial Measure

Question ID, [TD.CP.REMEDIATE.P](#) , 193.2017(a) (193.2637)

References

Question Text *Does the process require that prompt remedial action be taken whenever corrosion control deficiencies are found?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 25.6.2.7; 25.6.3.9; & 25.7.3.5

PRO.OM: Operations and Maintenance

Question ID, [TQ.OO.OMQUAL.P](#) , 193.2017(a) (193.2707(a); 193.2707(b))

References

Question Text *Does the process define the qualifications and training requirements for personnel who operate and maintain components?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes (a) PSE0201-OP1 Appendix H; (b) PSE0201-OP1 Section 17.1.4

Question ID, [TQ.OO.CORRCONTRPERS.P](#) , 193.2017(a) (193.2707(c))

References

Question Text *Does the process require that corrosion control of cathodic protection systems be carried out by, or under the direction of, personnel qualified by training or experience in corrosion control technology?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Sections 25.1.1

PRO.PERSONHEALTH: Personnel Health

Question ID, [TQ.OO.PERSONHEALTH.P](#) , 193.2017(a) (193.2711)

References

Question Text *Is there an adequate plan for evaluating the health and physical condition of personnel assigned operations, maintenance, security, or fire protection duties?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H - Initial Training

PRO.TRAINOM: Training: Operations and Maintenance

Question ID, [TQ.OO.TRAINOM.P](#) , 193.2017(a) (193.2713(a))

References

Question Text *Does the plan require that operations, maintenance, and supervisory personnel receive the mandatory initial training?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H

Question ID, [TQ.OO.RETRAINOM.P](#) , 193.2017(a) (193.2713(b))

References

Question Text *Does the plan require that operations, maintenance, and supervisory personnel receive refresher training at intervals not to exceed two years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H Section 2.2

PRO.TRAINSECURITY: Training: Security

Question ID, [TQ.OO.TRAINSECURITY.P](#) , 193.2017(a) (193.2715(a))

References

Question Text *Does the plan require that security personnel receive the mandatory initial training?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H - Initial Training Plan

Question ID, [TQ.OO.RETRAINSECURITY.P](#) , 193.2017(a) (193.2715(b))

References

Question Text *Does the plan require that security personnel receive refresher training at intervals not to exceed two years?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H Section 2.2

PRO.TRAINFIREPROT: Training: Fire Protection

Question ID, [TQ.TR.TRAINFIREPROT.P](#) , 193.2017(a) (193.2717(a))

References

Question Text *Does the plan require that operations, maintenance, and supervisory personnel receive initial fire protection training that meets the requirements of 193.2717(a)?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H - Initial Training Plan

Question ID, [TQ.TR.RETRAINFIREPROT.P](#) , 193.2017(a) (193.2717(b); 193.2717(c))

References

Question Text *Does the plan require that operations, maintenance, and supervisory personnel receive refresher fire protection training at intervals not to exceed two years and that training includes fire drills?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix H - Continuing Training Plan

PRO.FIRENFPA: Fire Protection

Question ID, [FS.FG.FPEVAL.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process for conducting a fire protection evaluation meet the requirements of NFPA 59A, Section 9.1.2?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes 2002 As-Built s from CHI Appear to cover all required parts of the fire protection evaluation.

Question ID, [FS.FG.ESD.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process require an emergency shutdown system that meets the requirements of NFPA 59A, Section 9.2?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 9.8

Question ID, [FS.FG.GASFIREDETECT.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process require flammable gas and fire detection that meets NFPA 59A, Section 9.3?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 9 - Fire and Gas Detection System

Question ID, [FS.FG.FIREWATERDIST.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process for fire water supply and distribution meet the requirements of NFPA 59A, Section 9.4?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP - Section 3.3.2.2

Question ID, [FS.FG.FIREPROTEQUIP.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process for the staging of fire protection equipment meet the requirements of NFPA 59A, Section 9.5?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP - Section 3.3.2.3 In addition Assigned vehicles have dry chemical extinguishers of at least 18 lbs.

Question ID, [FS.FG.PROTCLOTHING.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process require that protective clothing be available in accordance with NFPA 59A, Sections 9.7.1 and 9.7.2?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP - Section 4.7.1

Question ID, [FS.FG.CONFINEDSPACE.P](#) , 193.2017(a) (193.2801)

References

Question Text *Do the written practices and procedures for the entry of personnel into confined or hazardous space meet the requirements of NFPA 59A, Sections 9.7.3 and 9.7.4?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSELNG EOP - Section 19 - Work Permits; PSE0201-OP-1 section 9.4.4

Question ID, [FS.FG.VENTING.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process for depressurizing the plant or venting LNG in the event of an emergency meet the requirements of NFPA 59A, Section 9.9.1?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 section 17

Question ID, [FS.FG.OUTOFSERVICE.P](#) , 193.2017(a) (193.2801)

References

Question Text *Does the process for taking an LNG container out of service meet the requirements of NFPA 59A, Section 9.9.2?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 18.9

PRO.SECURITY: Security

Question ID, [FS.FG.SECPROCEDURES.P](#) , 193.2017(a) (193.2903(a); 193.2903(b);

References 193.2903(c); 193.2903(d); 193.2903(e); 193.2903(f); 193.2903(g))

Question Text *Is the security process adequate?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix J Security Procedures

PRO.PROTECTENCLOSE: Protective Enclosure Construction

Question ID, [FS.FG.PROTECTENCLOSURECON.P](#) , 193.2017(a) (193.2907(a); 193.2907(b))
References

Question Text *Is the process for protective enclosure construction adequate?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 3.2

PRO.SECURITYCOMM: Security Communications

Question ID, [FS.FG.SECURITYCOMM.P](#) , 193.2017(a) (193.2909(a); 193.2909(b))
References

Question Text *Does the process require an effective means of security communications?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix J Section 5.2

PRO.SECURITYLIGHT: Security Lighting

Question ID, [FS.FG.SECURITYLIGHT.P](#) , 193.2017(a) (193.2911)
References

Question Text *Does the process require that adequate security lighting be provided?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 3.2 and Appendix D - Drawing PSE0201-E13 Security Lighting

PRO.SECURITYMONITOR: Security Monitoring

Question ID, [FS.FG.SECURITYMONITOR.P](#) , 193.2017(a) (193.2913)

References

Question Text *Does the process for security monitoring meet requirements for the facility?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Appendix J Section 7

PRO.ALTPOWER: Alternative Power Source

Question ID, [FS.FG.ALTPOWER.P](#) , 193.2017(a) (193.2915; 193.2445(a); 193.2445(b))

References

Question Text *Does the process require an adequate alternate source of power for security lighting, and security monitoring and warning systems?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 3.3

PRO.WARNSIGN: Warning Sign

Question ID, [FS.FG.WARNSIGN.P](#) , 193.2017(a) (193.2917(b))

References

Question Text *Does the process require the placement of warning signs along the protective enclosure?*

Result **Sat**

Assets Covered PSE LNG Satellite - Gig Harbor

Result Notes PSE0201-OP1 Section 3.2

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