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November 10, 2015

Mr. Ken Bruno Gas Safety and Reliability Branch Safety and Enforcement Division California Public Utilities Commission 505 Van Ness Avenue San Francisco, CA 94102

Re: State of California – Public Utilities Commission General Order 112-E Audit – PG&E's San Jose Division

Dear Mr. Bruno:

The Safety and Enforcement Division (SED) of the CPUC conducted a General Order 112-E audit of PG&E's San Jose Division from July 13 through July 17, 2015. On October 12, 2015, the SED submitted their audit report, identifying violations and findings. Attached is PG&E's response to the CPUC audit report.

Please contact Glen Allen at (925) 244-3388 or gmad@pge.com for any questions you may have regarding this response.

Sincerely,

/**S**/ Larry Deniston

Attachments

cc: Aimee Cauguiran, CPUC Dennis Lee, CPUC Mike Falk, PG&E Sumeet Singh, PG&E

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[Internal,				Associated Attachment
NOV, AOC]	Finding #	Finding	Response	(File Name)
PG&E Internal Audit Findings		PG&E's Internal Audit Findings: Prior to the start of the inspection, PG&E provided SED its findings from the internal review it conducted of San Jose Division. Some of PG&E's internal review findings are violations of PG&E's standards, and are therefore violations of Title 49 Code of Federal Regulations (CFR), §192.605(a). SED is aware that PG&E corrected some of its findings prior to SED's inspection. Table 1 lists all of the violations from PG&E's internal review. Please provide SED an update on the items that were still pending corrective actions as of July 17, 2015.	At the start of the inspection, PG&E provided SED its findings from the internal review it conducted of the San Jose Division. PG&E corrected all of its findings prior to SED's inspection. However SED has indicated one pending item related to 10%er annual reads less than the 10% required in 2013 and 2014. The Asset Strategy group within the Compliance Department is now performing a monthly audit with a newly developed Isolated Steel Service Dashboard. This was previously not performed on a monthly basis and was only identified if the minimum 10% criteria was not reached. This dashboard reviews the total number of Isolated Steel Services in each division, calculates the minimum number of reads required for the year, identifies qualified reads taken Year to Date (does not count reads taken in sequential years or Non-Corrodible Risers discovered), then identifies the remaining number of reads required for the year. In addition, the dashboard looks at the number of reads scheduled through the end of the year and incorporates those into a projected read ratio assuming all of those reads that are taken will be credible. If that projected read ratio is below the target, which we currently have set at 11.1% each year, we identify how many isolated steel service read points must be pulled forward from the next year in order to meet that target percentage. The Asset Strategist works with the Corrosion Supervisor in those instances and creates maintenance plans for that agreed upon number of isolated Steel Services so they will be scheduled in the current year. This is performed each month for each division as the number consistently changes each month as more and more NCR's or removed services are discovered. Attached, please find Attachment 1 - "Internal Inspection Findings" and Attachment 2 - "San Jose 2015 Internal Review", indicating the findings, corrective actions taken and the closure date.	Att 1_Internal Inspection Findings.pdf Att 2_San Jose Division 2015 Internal Review_CONF.xlsx
SED NOV	1	Title 49 CFR §192.605(a) states in part: "Each operator shall prepare and follow for each pipeline, a manual of written procedures for conducting operations and maintenance activities and for emergency response." PG&E's Gas Standard O-16, Section 6(A), Cathodic Protection Restoration for Distribution and Local Transmission, states in part: "If the CPA restoration work is (or is expected to be) over 30 days, the "CPA Follow-Up Action Plan" form must be used and developed within 30 calendar days from the date the CPA is found below adequate levels of protection" SED reviewed the Division's corrosion records and found that the Division did not develop a "CPA Follow-up Action Plan" for the following five monitoring locations, listed in Table 2 below, within 30 calendar days from the date the CPA was found to have below an adequate level of protection. Therefore, the Division is in violation of 192.605(a). Please provide a status update for the CP areas with inadequate protection listed below: CP Area Type Date of inadequate level Date of Cathodic Action plan created but no activity recorded between 03/2014 to 01/2015 3541-15 Bi-monthly 01/2013 3414-29 Bi-monthly 06/2014 Still down as confirmed No Action Plan 3475-12 Bi-monthly 02/2014 05/2014 3475-04 Bi-monthly 03/2013 08/2014 05/2013	As noted by SED, all CP areas were previously restored with the exception of 3414-29. This area is now currently under construction. A new pedestal mounted rectifier has been installed and commissioning is in progress. In addition, please find Attachment 3 - "3414-29.2015" for the CP maintenance reports showing that the action plan was created and updated as required. In addition, please find Attachment 5 - "3353-13.2014" and Attachment 6 - "3353-13.2015" for the CP area 3353-13 maintenance reports showing that the action plan was updated between 03/2014 and 01/2015. An action plan was also created for the Bi-monthly reads for CP area 3475-12. Please find Attachment 7 - "3475-12.2013" and Attachment 8 - "3475-12.2014" for the CP maintenance reports showing that the action plan was created and updated as required. CP area 3475-04 was read low on 3/30/13 and reviewed on 4/9/13. The action plan was created on 5/2/13. Please find Attachment 9 - "3475-04.2013" for the CP maintenance reports showing that the action plan was created on 5/2/13. Please find Attachment 9 - "3475-04.2013" for the CP maintenance reports showing that the action plan was created on 5/2/13. Please find Attachment 9 - "3475-04.2013" for the CP maintenance reports showing that the action plan was created on 5/2/13. Please find Attachment 9 - "3475-04.2013" for the CP maintenance reports showing that the action plan was created for this area using both CP area 3541-15 and 3541-01/05. Please find Attachment 10 - "3541-10 - 05 Action Plan" and Attachment 11 and 12 - "3541-15.2013 and 2014" for the CP maintenance reports showing that the action plans were created and updated as required. To prevent reoccurrence, action plans are now managed in the work management system, SAP. Automatic notifications are generated and sent to appropriate parties, alerting them of the need to initiate action plans and to make in a timely manner any subsequent updates to the action plans, including scheduling of work requests.	Att 3_3414-29.2014_CONF.xls Att 4_3414-29.2015_CONF.xls Att 5_3353-13.2014_CONF.xls Att 7_3475-12.2013_CONF.xls Att 8_3475-12.2014_CONF.xls Att 9_3475-04.2013_CONF.xls Att 10_3541-01-05 Action Plan_CONF.pdf Att 11_3541-15.2013_CONF.xls Att 12_3541-15.2014_CONF.xls

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SED NOV	2	 PG&E's GS&S A-93.1 Revision #07 states in part: "Inserting Plastic Pipe Into a Casing, Bore Hole, or Bridge Structure 5. The following general requirements apply when plastic pipe is installed in any casing E.(3) The installation is mapped according to the provisions in UO Standard D-S0457, which require that both the casing size and casing material be identified" PG&E's Bulletin Number 05-01 dated 4/10/2013 also states in part: "Gas Map Correction documents: Any of the following documents may be used to report map corrections Map Correction Form "A" or "A1" Form Mapping Process 2.0 The assigned mapper will: A) Update the record(s) within 60 days of receipt of the map correction document(s)" SED's review of recent repair work (A-Forms) shows that the repair work of inserted plastic inside a steel casing was not reflected on the requested record printout from GD GIS as of 7/13/2015 for the following two addresses: 559 Bamboo Court San Jose – Repair work that inserted ¾-inch steel service with ½-inch PE completed on 10/4/2013 986 White Drive San Jose – Repair work that inserted ¾-inch steel service with ½-inch PE completed on 7/15/2014 The Division is in violation of 49 CFR 192.605(a) for failing to update its records to reflect the repair work completed in the above addresses within the timeframe required by PG&E Bulletin Number 05-01. 	PG&E has conducted a further investigation and has determined that these two jobs were in fact mapped timely, but to nearby addresses based on repair information. Because they were posted to different addresses than the initial leak reports, these two jobs appeared not to have been mapped during the CPUC inspection. The job reported at 559 Bamboo Ct. was originally posted to 557 Bamboo Ct. on 12/11/13. The job reported as 986 White Dr. was actually found to be on the service across the street at 2545 Rose Dr and was posted there on 8/28/14. Rather than having been delayed for 643 days, and 362 days, these two jobs were in fact mapped within 68 days and 44 days, respectively. Please find Attachments 13 - 16 for the Gas Service Records and associated maps for the two locations.	Att 13_559 Bamboo_CONF.pdf Att 14_559 Bamboo Ct Plat Sheet_CONF.pdf Att 15_2545 Rose_CONF.pdf Att 16_Map 2545 Rose_CONF.pdf
SED NOV	3	 Title 49 CFR §192.465(d) states in part: "Each operator shall take prompt remedial action to correct any deficiencies indicated by the [external corrosion control] monitoring." The May 19, 1989, Federal Pipeline and Hazardous Materials Safety Administration's (PHMSA) Inspection Guideline and Interpretation #PI-89-006 for 192.465(d) states that, as a rule of thumb, PHMSA interprets "prompt" as having the "correction completed by the time of the next scheduled monitoring". For annual monitoring, the correction should be completed within 15 months. SED found that the Division exceeded 15 months to remediate conditions at the following three CP stations. SED recognizes that in some instances, factors outside of the operator's control may be the cause of the delay for restoring deficient CP areas (e.g. permitting, environmental, etc.). However, SED observed the cause of the delays for these CP areas to be within the control of the Division. Therefore, the Division is in violation of 192.465(d). CP 3474-14: The area was down from August 2011 until the end of 2014 (except on 09/2013). The area was found down during SED's field visit on 07/15/2015 CP 3476-06: The area was down from June of 2011 to December 2013. Even though an action plan was created on time, it took more than two years to restore the CP area CP 3541-01-05 A-B: The area was down from July 2013 to November 2014. 	CP area 3474-14 was down waiting on the installation of a deep well anode. This job encountered numerous permitting delays with the City. Please find Attachment 17 - "3474-14 Action Plan" showing the delays encountered. When the new anode was installed in the first quarter of 2014, it was discovered that the drill stopped short of the desirable depth causing interference with other facilities. Subsequently, a new contractor was hired and drilled a new deep well anode and installed a new rectifier in the first quarter of 2015 in a different location within the CPA to bring the area back into acceptable CP levels. The area was read up on 10/1/2015 on the field visit follow up with a read of -906 mv. Please find Attachment 18 - "3474-14.2015" for the CP maintenance report showing the restored reads and action plan. CP area 3476-06 had a deep well anode installed in the fourth quarter of 2013 and experienced delays with permitting issues with the Water District due to the depth of the well impacting the water table and water rights. Please find Attachment 19 - "3476-06 Action Plan" for the CP maintenance report showing the delays encountered in the action plan. CP area 3541-01-05 A-B had a shallow bed anode installed in the second quarter of 2014. However the city informed us the power pole we were to utilize for installation of the new rectifier was to be removed. The job had to be redesigned to install the rectifier on a pole across the street which also required additional trenching and additional permitting due to the trench crossing between city and county jurisdiction. Please find Attachment 20 - "3541 01-05.2014" for the CP maintenance report showing the delays encountered in the action plan. To prevent reoccurrence, the corrosion department, since March of 2014, has a dedicated corrosion services group consisting of experienced corrosion specialists with extensive knowledge of challenging jobs and difficult troubleshooting procedures. Additionally, PG&E is in the process of implementing a com	Att 17 - 3474-14 Action Plan_CONF.pdf Att 18 - 3474-14.2015_CONF.xls Att 19 - 3476-06 Action Plan_CONF.pdf Att 20 - 3541 01-05.2014_CONF.xls

2015 San Jose Division Audit Findings and Responses

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SED NOV	4	Title 49 CFR §192.481(a) states: "Each operator must inspect each pipeline or portion of pipeline that is exposed to the atmosphere for atmospheric corrosion, as follows:	vidence of	During PG&E's process of compiling and analyzing the AC Meter Inspection information requested by the CPUC for data request 33, PG&E also compiled and analyzed the AC meter data for the entire San Jose Division. The results of this analysis found 4 plat maps, totaling 2,262 meters, in the San Jose Division that did not meet the 3 year, not to exceed 39 months, inspection frequency. These meters were last surveyed between 5/27/11 and 6/9/11. As of 7/14/15, the meters on the 4 plat maps have been inspected. Please see below and attachment 21 - "San Jose-Late AC Meter Underto" for completion datas of these inspections.	Att 21_San Jose-Late AC Meter Update_CONF.xlsx
		If the nineline is located. Onshore		Neter update for completion dates of these inspections.	
		Then the frequency of inspection is: At least once every 3 calendar years, but with intervals not exceedi	g 39 months"	Plat MapEarliest Inspection Date on Plat MapLatest Inspection Date on Plat Map3411-C76/22/157/1/15	
		SED requested the Division to verify that the atmospheric corrosion inspections of selected plat maps w within the required frequency after they were surveyed in 2011. In response to SED's request, the Divis and analyzed leak survey records and AC inspection Program records for the entire Division. The results	re completed n compiled of the analysis	3412-C8 6/25/15 7/6/15	
		found that the Division did not meet the required atmospheric corrosion inspection frequency for the for plat maps, listed in Table 3 below. Therefore, the Division is in violation of 192.481(a).	lowing four	3412-J8 7/2/15 7/13/15	
				3414-D6 7/13/15 7/14/15	
		According to PG&E, these four plat maps are scheduled to be inspected no later than 9/9/2015. Please update on the scheduled inspections.	ovide an	To prevent reoccurrance, starting in 2014, PG&E has incorporated an electronic system to track each meter inspection by date and time, so that inspections are performed within the 3 year, not to exceed 39 month compliance requirement.	
		Table 3: Plat Maps not Meeting the Required Inspection FrequencyPlat MapLast Inspection DateNumber of Inspected Meters in the Last Inspection3411-C75/31/201110183412-C86/2/20116503412-J86/3/20113763414-D66/9/2011218			
AOC	1A	Title 49 CFR §192.467(a) states: "Each buried or submerged pipeline must be electrically isolated from other underground metallic struct the pipeline and the other structures are electrically interconnected and cathodically protected as a sing In addition, page 8 of PG&E's standard O-16, "Corrosion Control of Gas Facilities," states in part: "G. Casing Monitoring and Maintenance	ures, unless e unit."	SJR307010, SJR307040, SJR307060, SJR307080, SJR307090 and SJR307100 were removed during the reconstruction of the Hwy 101 and Tully Rd clover leaf interchange in 2014 by the Valley Transportation Authority. The Request for Work (RW) to remove these from service was RW 110043286. These reads were taken in 2014 while Construction was under way. These casings were removed per order numbers 30775772 and 30639855. The RW to remove the Assets from the SAP asset registry was created on 2/10/2015 and have now been removed.	Att 22_3413-14.2014_CONF.xls Att 23_CPA 3352-12 Casing Workticket 2013_CONF.pdf Att 24_WP4133-04 Remediating Casing Contacts.pdf
		The casing is considered to be in electrical contact with the pipeline when the casing-to-soil potential i more negative and/or the difference between the P/S potential and the casing-to-soil potential is less to one or both of these two conditions are found, further testing as described in Utility Standard D-S0354/	–800 mV or an 100 mV. If 4126 is	SJR157050 and SJR157060 are located in CPA 3413-14. The CPA was down during November when the reads for the casings were taken. This CPA was restored in December of 2014. Please see Attachment 22 - "3413-14.2014" for restored CPA reads.	
		required."		SJR237030 is located in CPA 3352-12. After further review it has been determined that the 2013 read was incorrectly entered into SAP as -566 mv.	
		SED reviewed the Division's casing monitoring records and found the following five locations in 2013 and in 2014, shown in Table 4 below with casing to soil potential readings that, according to RCRE's stand	ten locations	The correct entry should have been -1566 mv. Please see Attachment 23 - "CPA 3352-12 Casing Workticket 2013" showing the hand written reads.	
		presence of pipe-to-casing electrical contacts.	a, indicate the	SJR077010: Electrolytic Contact found in 2014. On master contact list and planned for remediation in 2017.	
		Table 4: Casing Monitoring Records with contact indications		SJR127010: Electrolytic Contact found in 2014. On master contact list and planned for remediation in 2017.	
		Casing BariD Pipe Potential (mV)/Contact Type Casing Potential (mV) Inspection Year SJR307010; 3414-E3 -567 -608 2014 SJR307040; 3414-E3 -578 -530 2014 SJR307060: 3414-E3 -554 -230 2014		SJR307050: Remediation project CC151 completed on 10/20/15 per Order #31140982. Up reads recorded as -627mV casing-to-soil and -946mV pipe-to-soil.	
		SJR307080; 3413-G8 -454 -421 2014		SJR267020: Remediation project CD019A completed on 11/6/14 per Order# 42327261. Up reads recorded as -488mV casing-to-soil and -1155mV	
		SJR307090; 3413-H6 -587 -273 2014		pipe-to-soil.	
		SJR307100; 3414-D6 -643 -534 2014 SJR157050: 3413-C3 -789 -502 2014		SIR137070: Remediation project CC149 completed on 10/20/15 per Order #31113724. Up reads recorded as -620mV casing-to-soil and -853mV	
		SJR157060; 3413-C3 -625 -518 2014		pipe-to-soil.	
		SJR077010; 3475-G8 Electrolytic Contact 2014			
		SJR127010; 3414-C6 Electrolytic Contact 2014 SJR307050; 3414-F3 Metallic Contact 2013		SJR137050: Remediation project CC150 waiting on tree removal permit and is planned to mobilize in the fourth quarter of 2015 per Order #31113725.	
		SJR267020; 3352-C1 Metallic Contact 2013			
		SJR137070; 3414-F3 Electrolytic Contact 2013 SJR137050; 3413-H6 Electrolytic Contact 2013		Lesting and monitoring of contacted casings are performed per Utility Work Procedure WP4133-04. Please see Attachment 24 - "WP4133-04 Remediating Casing Contacts"	
		SJR237030; 3414-C2 -566 -661 2013			
		Please indicate the corrective actions taken to address these conditions, and any testing done to determ condition after the discovery of the contacts.	ne the pipeline		

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AOC	18	In addition to the above, maintenance records for the casing at L-100 MP 144 showed an indication of electrical contact since 1999. In response to SED's request regarding the remediation plan, PG&E responded, "Currently there is no plan to remove this casing, we have established a non-corrosive environment in the annular space through the project to gel fill this casing in 1999. This was not previously identified as a contacted casing, and has now been added to the contacted casing list on July 15th, 2015 and will continue to monitor with increased frequency due to the short and the casing being gelled." Please provide PG&E's procedure which addresses the increased monitoring frequency of such a casing.	Testing and monitoring of contacted casings are performed per Utility Work Procedure WP4133-04. Please see Attachment 24 - "WP4133-04 Remediating Casing Contacts".	Att 24_WP4133-04 Remediating Casing Contacts.pdf
AOC	2	The 2014 annual rectifier evaluation maintenance record for the rectifiers listed in Table 5 showed the DC voltage output exceeded the manufacturer DC voltage rating of the equipment. Universal CP rectifiers' manual states in part: "Do not exceed AC or DC ratings of the rectifiers. Operating the rectifier at higher than the nameplate rating will result in eventual failure of the rectifier." Table 5: Rectifier DC Volts readings and ratings Rectifier Inspection Date DC Volts rating (V) DC Volts recorded (V) 372 12/11/2014 20 23.4 667 11/13/2014 20 667 11/14/2014 40 46.5 Please provide an update on corrective measures to address this concern. Please this concern.	Rectifier 372 - This rectifier is a Universal Model ES 5A-20V rectifier installed on 12/8/14. Please see Attachment 25 - "New Rectifier 372 Station Report". It was originally set at 24.5V while the system polarized but is now set at 16.5V (See Attachment 26 - "Rectifier 372 Maintenance Report". Rectifier 667 – The original 5A-40V rectifier was installed on 6/25/92. It operated over 40V between 10/18/12 and 11/24/14. During this time period there were no operating issues with this unit. On 11/24/14 a new groundbed and 5A-40V Universal Model ES rectifier were installed with the initial reading set at 2.4A and 5V. Please see Attachment 27 - "2014 Rectifier 667 Station Report". Rectifier 669 – The maximum voltage output of rectifier 669 was not exceeded. The existing 5A-40V Goodall rectifier has been in operation since 1993. Please see Attachment 28 - "2014 Rectifier 669 Station Report". Between 2012 -2015 the highest voltage output of the rectifier was 23.4V on 11/13/14. Please see Attachment 29 - "669 Neal and Clover CPA 3412". In addition, per Universal Rectifiers Inc., exceeding the DC voltage rating of Universal type ES Series rectifiers will not cause any damage to the rectifier. Please see Attachment 30 - "PGE Over Voltage Letter 10-14-15".	Att 25_New Rectifier 372 Station Report_CONF.pdf Att 26_Rectifier 372 Maintenance Report_CONF.xls Att 27_2014 Rectifier 667 Station Report_CONF.pdf Att 28_2014 Rectifier 669 Station Report_CONF.pdf Att 29_669 Neal and Clover CPA 3412_CONF.pdf Att 30_PGE Over Voltage Letter 10-14-15_CONF.pdf
AOC	3	The 2013 atmospheric corrosion monitoring record for the following three exposed spans noted some defects as shown in Table 6 below. SED's field visit on 07/16/2015 also confirmed the listed defects. Table 6: Atmospheric Corrosion Inspections of Exposed Spans Span Location ID No Inspection Date PG&E's Inspection Notes Sylvia Ave & Penetincia Creek 8 07/26/2013 Needs Re-Painting Berryessa Rd & Coyote Creek 13 07/29/2013 Wrap on pipe unravelling Benton St & Saratoga Creek 28 07/26/2013 Pipe Wrap Peeling, Re-Wrap Needed Please provide an update on corrective measures to address these defects. 10 10 10	Corrosion Engineering is currently investigating roughly 360+ local transmission and distribution spans for further evaluation and data. This field investigation will be concluded by 12/31/2015. Corrosion Engineering will then prioritize these spans for remediation. This includes the following 3 spans: Sylvia Ave & Penetincia Creek Corrosion Engineering ID: Span 827 Berryessa Rd & Coyote Creek Corrosion Engineering ID: Span 838 Benton St & Saratoga Creek Corrosion Engineering ID: Span 832	

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NOV, AOC] AOC	Finding #	FindingDuring SED's field visit, the Division recorded the following low pipe-to-soil readings, as listed below in Table 7.Table 7: Low pipe-to-soil readsInspection CycleCPAAddressCity/AreaReading (mV)Bi-Monthly3414-29Tully Rd & Montrey StSan Jose-448Bi-Monthly3476-04/18201 Bendorf DrSan Jose-604Bi Monthly3476-055703 Snell RdSan Jose-741Bi Monthly3475-154700 Sherbourne DrSan Jose-781Bi Monthly3474-131832 Andrews AveSan Jose-781Bi Monthly3474-14115 Anne WayLos Gatos-733Bi Monthly3475-046090 Guadalupe Mines Dr San Jose-58310%er3350-16-102941 Corvin DrSanta Clara-78510%er3351-06-102601 Cortez Dr, Bldg 5Santa Clara-675Please provide an update on corrective measure to address the out of compliance pipe-to-soil reads.	Response Below is an update to the low pipe-to-soil readings found during SED's field visit. All low reads have been corrected with the elocations. These locations are estimated to have repairs completed by the first quarter of 2016. 1. 14-29 "Old Tully and Monterey" read was -448. The Division has worked with electric to run power to a newly installed rect trouble shooting, it was determined that there is a broken anode wire. The Division is currently working with SGO process for pscheduling to make repairs. 2. 3476-04/18 "O1 Bendorf Drive" read was -604. This is a CGI. The cause of the low read is due to a unisulated meter. The recover, only one side of the CPA was restored. A Corrosion Mechanic is currently trouble-shooting the CPA. 3. 3475-04 "6090 Guadalupe Mines Dr" was -583. It was determined that the deepwell has collapsed. The Division is currently process for permitting and scheduling to make repairs. All other areas have been restored. Below are the restored reads: 3351-03 "2975 Scott Blvd 10%er" read was -785 mv. Installed anode on 7/18/15. As left read -1556 mv. 3351-10 2601 Cortez Dr Bldg 5 read was -785 mv. Installed anode on 7/11/15. As left read -1492 mv. 3476-05 5703 Snell Rd read was -731 mv. Trouble shot on 9/28/15. As left read -957 mv. 3474-14 115 Anne Way read was -733 mv. Trouble shot on 10/8/15. As left read -934 mv. 3475-03 6698 Mt. Forrest Dr read was -632 mv. Trouble shot on 10/8/15. As left read -934 mv.
AOC	5	SED requested the Division to provide a remediation update for meter sets from 2014 AC meter inspections that were categorized as Grades 5 & 6 . In a discussion during the audit, PG&E explained that Grades 5 & 6 . Categories are expected to be remediated a higher priority. In response to SED's request, PG&E provided a list of meter sets, listed in Table 8 below, which noted "PG&E plans to remediate via construction crew before next inspection cycle". Please provide PG&E's procedure, which addresses the categorization criteria and the corresponding remediation action time frame. Table 8: AC inspections for Meter Sets categorized Grades 5 & 6 SP_ID ADDRESS CITY COMMENT FOR ALL ADDRESSES 8644110810 3121 CHILLUM CT SAN JOSE pG&E plans to remediate via 8644109310 3162 CHILLUM CT SAN JOSE inspection cycle 863311310 3125 PERIVALE CT SAN JOSE inspection cycle 8631271810 1498 DOUGLAS ST SAN JOSE section cycle 8631271810 1498 DAJL CREK CIR SAN JOSE section cycle 8632517010 751 S 2ND ST APT 8 SAN JOSE section cycle 8539587310 3209 TERRA COTTA DR SAN JOSE section cycle 8539587310 3249 TERRA COTTA DR SAN JOSE sanspection cycle 8539587310 3249 TERRA COTTA DR SAN JOSE<	PG&E's procedure for grading customers' gas meters underwent a revision during the 2014 atmospheric corrosion inspection. TD-4188P-001 initially provided for seven grades: 0 through 6, with 0 representing no corrosion and 6 representing grades 1, 2, 4 Please see Attachment 31 - "TD-4188P-001". On April 1, 2014 PG&E simplified the pilot procedure by eliminating grades 1, 2, 4 Attachment 32 - "TD-4188P-001 Updated Version". Three grades remained in the updated procedure: 0, 3, and 6, representing moderate corrosion, and severe corrosion respectively. Descriptions of these categorizations can be found in section 2.1 of bot updated procedures. The locations in Table 8 were identified as having Grade 5 or Grade 6 corrosion on risers. PG&E will visit these locations and ma repairs by the end of the 1st quarter 2016.

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