

L300N KETTLEMAN DISTRICT

L300 FROM KETTLEMAN COMPRESSOR STATION NORTH
L-1, 190, 306, 401, DFMs
configuration prior to Oct 2005

2005 MAINTENANCE

Q/A REVIEW

REVIEW OF CODE-REQUIRED MAINTENANCE RECORDS

DECEMBER 8, 2005

2005 SI AUDIT					
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55			[REDACTED]	Regs1	17
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			MorBayInTie	Regs1	17
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96			Panoche	Regs2	18
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information only				Rectifiers	21
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OK	MIN	SIG			
1,115	25		Totals	1,140	

RESPONSIBILITIES	Prior to October 2005	After October 2005	This Rpt
L300 S/O KCS	[REDACTED] / L300nBks	[REDACTED] / L300nBks	
L300 N/O KCS + other P/Ls	[REDACTED] / L300nKt	[REDACTED] / L300nKtlmn	X
KCS	[REDACTED] / L300nBks	[REDACTED] / L300nKtlmn	

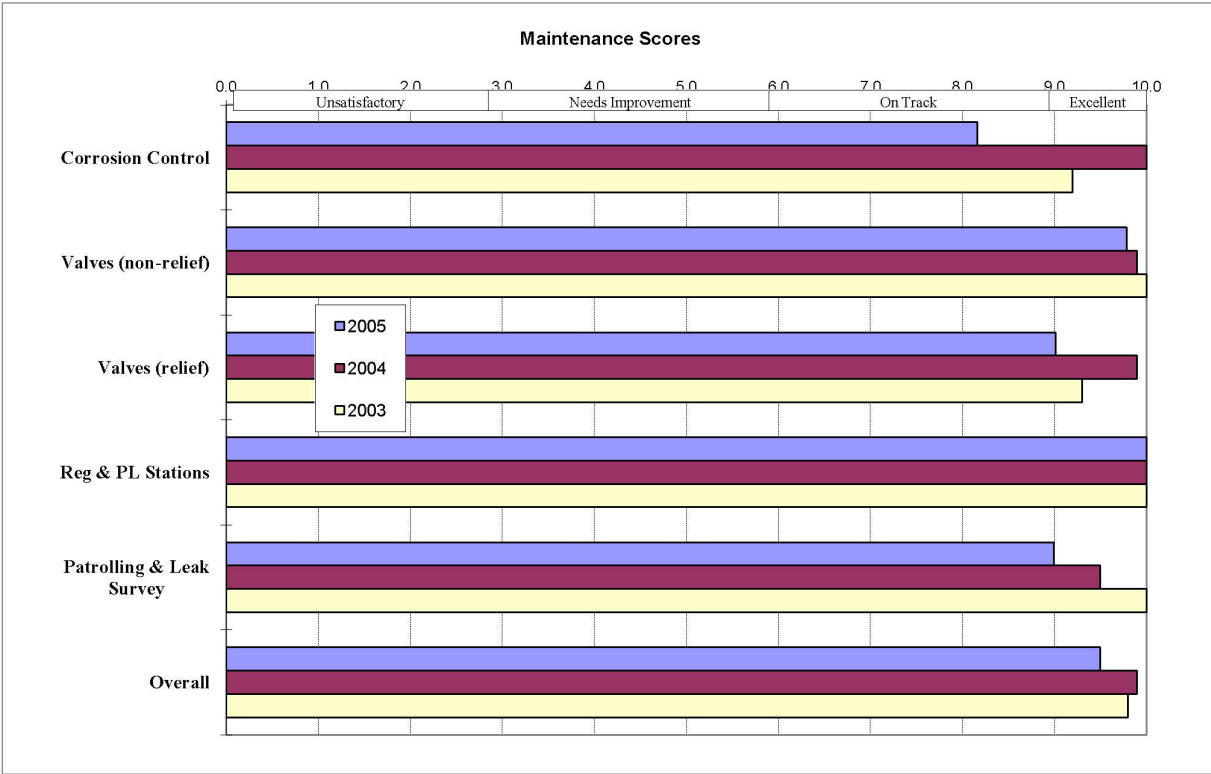
OK	MIN	SIG	BOOK/FILE	EXCEL TAB	PAGE
<p><u>SUMMARY COMMENTS</u> <i>(This is a collection of notable issues, but is not a complete list. See the individual audit sheets in this report for a complete list. See the 05IssuesTally page for summary of error quantities. See the ActionNotes table at the end of the report for the full set of details on resolved and open issues with action plans.)</i></p> <p><u>SIGNIFICANT ITEMS</u> - <u>NONE</u></p> <p><u>MINOR ITEMS</u></p> <p><u>WORK DOCUMENTED IN PLM BUT NOT ON MAINTENANCE RECORDS</u> Several instances were found where maintenance records were incomplete or not in file, yet the work was found documented as complete in PLM. Examine processes to seek ways to reduce this type of error.</p> <p><u>GMS REVIEW OF RECORDS</u> A few instances were found where the GMS review of records was not documented on the forms. Most but not all pages of the StationMaintenanceForms (relief valve maintenance records) are being signed by the GMS to show review, but some pages are missed.</p> <ul style="list-style-type: none">- <u>Examine processes to keep the GMS reviews current and complete.</u>- <u>Make a practice of signing ALL pages to show that all pages received GMS review.</u> <p><u>PATROLLING</u> Patrol plans are not entirely consistent with practice. <u>Find and correct inconsistencies.</u> Patrol issues are not always documented correctly. <u>Review detailed issues, strengthen patroller and DS understanding of documentation requirements.</u></p> <p>One relief calc was shown as reviewed in PLM, yet no documentation had been made on the relief calculation log. <u>Review processes to ensure that PLM entry is not made until the documentation is in order.</u></p> <p>While most CP failure notes in PLM had good corresponding work notes in the PLM record, a few failure notes were missing work notes. <u>Review the processes to create and check CP records to help ensure that work notes which clearly address the issue are always put in place for all failure notes.</u></p> <p>The set of valves categorized as "emergency" is far larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. <u>Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder.</u></p>					

OVERALL SCORE

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

RESPONSIBILITIES	Prior to October 2005	After October 2005	This Rpt
L300 S/O KCS	[REDACTED] / L300nBks	[REDACTED] / L300nBks	
L300 N/O KCS + other P/Ls	[REDACTED] / L300nKt	[REDACTED] / L300nKtlmn	X
KCS	[REDACTED] / L300nBks	[REDACTED] / L300nKtlmn	

	Impact	1	3	7					
	Points	10	5	0					
Category	Number of Items Audited	OK	Minor Potential	Significant Potential	Weighted Average Category Score	2005 Category Score	Performance Status	2004 Category Score	2003 Category Score
Corrosion Control	58	53	5	0	0.4	8.2	On Track	10	9.2
Valves (non-relief)	343	340	3	0	2.9	9.8	Excellent	9.9	10.0
Valves (relief)	187	179	8	0	1.5	9.0	Excellent	9.9	9.3
Reg & PL Stations	346	346	0	0	3.0	10.0	Excellent	10	10.0
Patrolling & Leak Survey	206	197	9	0	1.6	9.0	Excellent	9.5	10.0
Population & %	1140	98%	2.2%	0%		9.5			
Overall	6	<=categories audited			Weighted Average Overall Score	9.5	Excellent	9.9	9.8
		1115	25	0					



OVERALL SCORE

2002 Category Score	2001 Category Score
9.7	9.7
9.7	5.8
8.1	4.3
10.0	7.6
9.2	8.9
9.4	7.5

ISSUES TALLY

District: L300 N Kett												
AuditDate: 10/31 & 11/1/05												
ReportDate: 12/8/05												
Auditor: [REDACTED]												
This table displays a summary and supporting detail of the errors, to help improve the understanding of issues and processes that could be strengthened. In this case, most errors were situations where 1) maintenance was done and recorded in PLM, but not recorded on the hardcopy maintenance records; and 2) GMS records review and signoff was missed.												
1 = issue exists in this distr.	minor	significant										
Blank = not an issue, or not an issue of significance.												
SUMMARY												
1) PLM shows work was done, but maintenance record missing or incomplete	7											
2) CP data needs to be entered as data, not just text in a work note	1											
3) CP work notes problem	2											
4) CP rectifier records problem	2											
5) GMS review of records was not conducted, or not timely, or not accurate	8											
6) Patrol issues documentation problem	3											
7) Patrol plan problem	2											
	25											
DETAILED TALLY			1	2	3	4	5	6	7			
MISCL												
GMS review of records was not conducted, or not timely, or not accurate.	8						8					
Not scored, but not all pages were signed.												
Most Current Forms need to be used												
CATHODIC PROTECTION												
Work notes to address PLM CP failure notes are missing or unclear	2			2								
New data needs to be entered into PLM data fields, not just the cmts field.	1		1									
CPStation Reports need to be added/corrected / rcfr not on map	2			2								
Action documentation exists for resolution of issues, but are not in file												
PATROLS												
Span patrol documentation												
issues are not documented correctly	3							3				
issue resolution missing or not signed off												
Patrol is shown in PLM as conducted, but no patrol record in file.	3		3									
Patrol plan issue (plan not clear or consistent with practice, MP discrepancies, etc)	2									2		
RELIEFS												
PRV calc records												
PRV set points												
PRV numbering issues (consistency)												
Work shown in PLM as done, but the work is not documented in the records	1		1									
REG STATIONS												
Work shown in PLM as done, but the work is not documented in the records												
O&MI review shown as done in PLM but not on hardcopy record												
Vault inspection shown as done in PLM but not on hardcopy record												
VALVES												
Categorization of valves (emer or other) can be improved												
Work shown in PLM as done, but the work is not documented in the records	3		3									
TOTAL	25	0										

STANDARDS

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

COMMENT

STANDARDS UPDATING

Gas Standards & Specifications Book Update, Change 56

- 1 Change notice log sheet in front of book reflects #56
- 2 Changes have been made in the book (spot check)

chg 55 in the log (1 behind)

CGT Standards Book Update, Change #9

- 3 Change notice log sheet in front of book reflects #9 done
- 4 Changes have been made in the book (spot check)

chg 8 in the log (1 behind)

Emergency Exercise

- 5 Emergency Exercise for previous year on file
- 6 Current year on file if completed

2002 in file w [REDACTED], 2005 not yet done
2004 record was found in KCS
Regulatory Compliance binder.

AERIAL PATROL

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

ADMINISTRATIVE INFORMATION		REVIEW DETAIL			
		Note	OK	MIN	SIG
1	Are the standardized forms being used (F4111-A)	B	Yes/No		
2	Are the records in the standardized files (Aerial Patrol Manual)		1		
3	System map is in the file indicating the area		1		
4	The sum of all files covers all of the lines maintained by the district (Verify by PLM listing of aerial patrols)		1		
5	Quarterly Compliance Aerial Reports are in file	A	3		
PATROLLING / LEAK SURVEY					
6	Aerial patrol leak survey completed within schedule		1		
7	For all lines, is one box checked (either findings, or unable to patrol)?		2		
8	If pilot observation is documented, is there an appropriate response documented with initials and		3		
9	Is the Patrol report signed off and dated by the pilot?		3		
SUMMARY			14	0	0

A) Binder found in L300N Bk offices. Patrol reports are current and complete.
B) No F4111a forms used. Work Requests are used to document action taken on pilot observations.

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

PATROL / LEAK SURVEY

HelmTap+Panche+372

	L-190				300A KCS-405				300B KCS-405			
	REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
ADMINISTRATIVE INFORMATION												
1 Are the standardized forms being used (Patrol Report, Highways & Railroads, Exposed Piping, Slide Areas)	Yes/No				Yes/No				Yes/No			
2 Patrol Plan is in the file indicating the area patrolled with class		1				1			F	1	1	
3 If a patrol plan is in place, is it consistent with the patrol records and current with the class locations?	G		1		A				E			
4 If class locations have changed, is documentation in place explaining the reason for the change?		-				-						
5 Report of New Construction forms are in place for any changes?		-				-						
6 Class location studies done to support changes?		-				-						
PATROLLING / LEAK SURVEY												
7 Is top of form filled in correctly, i.e. M.P. covers entire length of area patrolled, Instrument id listed if appropriate etc....		1				3				2		
8 All items on list checked as "OK" or "Condition Found"		1				3				2		
9 If "Condition Found" is checked, is there an "Issue" documented						1						
10 If an "Issue" is documented, is there an associated "Action", "Action By" and "Date"						1						
11 Is the report signed off by the patroller		1				3				2		
12 Is the report signed off by the DS within 1 month of the patrol		1				3				2		
13 Is the last "Performed By Date" within a calendar year not to exceed 15 months of the previous "Performed By Date"		1			B		1			2		
14 If the patrolling report indicates that a leak was found and/or buried piping was uncovered, was a "leak survey, repair, and inspection" form F4110 filled out.												
EXPOSED PIPING												
15 Top portion of the form is completely filled in? Is the range of MP to MP complete?		1				4				3		
16 The roster of exposed piping is the same as the previous year or explanations are documented		1				1				1		
17 If "Issue" is checked, there is an explanation on the back of the form					D	1	1					
18 If an "Issue" is documented, is there an associated Action, "Action By" and "Date"						1						
19 Is the Patrol report signed off by the patroller		1				1				1		
20 Is the report signed off by the DS within 1 month of the patrol		1			C	3	1			1		
21 Is the last "Patrol Date" within 15 months of the previous "Patrol Date" for each location		1				32				26		
22 For active slide areas, is the form filled out properly and the annual inspection done on schedule?						n/a				n/a		
SUMMARY		11	1	0		58	3	0		43	1	0

A) Cls 2 area on L300A @ MP 372 is shown on the plan as patrolled by instrument for leaks. (no score) Clarify in the patrol plan the reason for patrolling with instrument/ground instead of by air for leaks.

B) HelpTap patrol form in file for 9/05 but none found for 2004. (-1mnr) Research PLM to confirm patrol was done or find patrol form elsewhere, update records in L300A file, revise scoring if appropriate. PLM research shows 9/7/04 patrol done by

C) L300A KCS-401 one of the span patrol forms was not shown as reviewed by mgmt. (-1mnr) Add the review to the record. Examine process to ensure mgmt review catches all pages.

D) L300A KCS-401 MP362 has an issue and action well documented on the back page, but no corresponding issue is checked on the front page. (-1mnr) Fill out the front page to show when an issue exists.

E) F4111a for L300B 373.13-373.59 not yet documented in 2005, so 2004 was reviewed.

F) F4111a instrument leak patrol in file for 2005 & 2004 for 373.82, but not shown on the patrol plan. (-1mnr) Update the patrol plan to show this patrol, and the reason for the patrol.

G) Cls 1 area on L190 @ MP 16.1 is shown on the plan as patrolled by instrument for leaks. The newest OpMap and OpDiag show MP 16.08 as the end of the pipeline. The OpDiag 082532 does not clearly show the end of PG&E's facilities. (-1mnr) Clarify in the patrol plan the ending milepoint for the patrols, clarify the apparent inconsistency with the 3/05 F4111a milepoints, clarify on the patrol plan the reason for patrolling this section with instrument/ground instead of by air for leaks.

PATROL / LEAK SURVEY

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

Report Date: 12/8/05					306+ Stations					L401:399-Panoche													
Auditor: [REDACTED]					REVIEW DETAIL					REVIEW DETAIL					REVIEW DETAIL								
ADMINISTRATIVE INFORMATION					Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG							
1	Are the standardized forms being used (Patrol Report, Highways & Railroads, Exposed Piping, Slide Areas)				(Yes/No)				F	Yes No			Yes/No										
2	Patrol Plan is in the file indicating the area patrolled with class									1				1									
3	If a patrol plan is in place, is it consistent with the patrol records and current with the class locations?				B	1	<1>			1			G										
4	If class locations have changed, is documentation in place explaining the reason for the change?					-				-				-									
5	Report of New Construction forms are in place for any changes?					-				-				-									
6	Class location studies done to support changes?					-				-				-									
PATROLLING / LEAK SURVEY																							
7	Is top of form filled in correctly, i.e. M.P. covers entire length of area patrolled, Instrument id listed if appropriate etc....					9			AERIAL PATROL ONLY									1					
8	All items on list checked as "OK" or "Condition Found"				A	8	1	0													1		
9	If "Condition Found" is checked, is there an "Issue" documented				C		1																
10	If an "Issue" is documented, is there an associated "Action", "Action By" and "Date"				C		<1>																
11	Is the report signed off by the patroller					9								1									
12	Is the report signed off by the DS within 1 month of the patrol					9								1									
13	Is the last "Performed By Date" within a calendar year not to exceed 15 months of the previous "Performed By Date"				DE	7	2							1									
14	If the patrolling report indicates that a leak was found and/or buried piping was uncovered, was a "leak survey, repair, and inspection" form F4110 filled out.					n/a																	
EXPOSED PIPING																							
15	Top portion of the form is completely filled in? Is the range of MP to MP complete?					1				1			none										
16	The roster of exposed piping is the same as the previous year or explanations are documented					1				1													
17	If "Issue" is checked, there is an explanation on the back of the form																						
18	If an "Issue" is documented, is there an associated Action, "Action By" and "Date"																						
19	Is the Patrol report signed off by the patroller					1				1													
20	Is the report signed off by the DS within 1 month of the patrol					1				1													
21	Is the last "Patrol Date" within 15 months of the previous "Patrol Date" for each location					1				1													
22	For active slide areas, is the form filled out properly and the annual inspection done on schedule?																						
SUMMARY						48	4	0		7	0	0		6	0	0							

A) MBMstrMtr patrol form for instrument leak survey 9/2/04 found in the MBMM station maint file. None of the boxes were checked, but the form had been rvwd by mgmt. This patrol record needs to be moved to the L306 patrol folder. The boxes on the form need to be filled in and issues if any need to be documented on the back of the form. District corrected the form 11/29/05; no significant patrol findings. (-1mnr)

B) L306 patrol of 0.00-1.00 area is patrolled by instrument but is class 1. (-0) The patrol plan should show the reason that this is patrolled by instrument instead of by air.

C) L306 MBIntertie F4111 shows an issue checked but no documentation on the back of the form. District confirmed issue was minor. form has been updated - resolved 11/29/05. (-1mnr)

D) L306: Intertie and MorroBayPrimary F4111a forms were found for 2005 & 2003 but not in file for 2004. Research PLM to check whether patrols were conducted, find or add records to file as appropriate, and revise scoring if appropriate. If appropriate, review processes that allow PLM to be updated without patrol forms completed and strengthen as appropriate. PLM shows work was done 6/9/04 by [REDACTED] (-2mnr) Find or create patrol reports and update the records.

E) 2004 is the most current record in file for the five pipeline sections on the patrol plan. (2005 records were not reviewed)

F) Aerial patrol only - so no F4111a

G) Anderson Line patrol of 0.00-7.5 area is patrolled by instrument but is class 1. (-0) The patrol plan should show the reason that this is patrolled by instrument instead of by air.

PATROL / LEAK SURVEY

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

ReportDate: 12/8/05						L2							
Auditor: [REDACTED]		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Are the standardized forms being used (Patrol Report, Highways & Railroads, Exposed Piping, Slide Areas)	A	Yes No			A	Yes No			Yes/No			
2	Patrol Plan is in the file indicating the area patrolled with class		1				1						
3	If a patrol plan is in place, is it consistent with the patrol records and current with the class locations?		1				1						
4	If class locations have changed, is documentation in place explaining the reason for the change?		-				-						
5	Report of New Construction forms are in place for any changes?		-				-						
6	Class location studies done to support changes?		-				-						
PATROLLING / LEAK SURVEY													
7	Is top of form filled in correctly, i.e. M.P. covers entire length of area patrolled, Instrument id listed if appropriate etc....	AERIAL PATROL ONLY				AERIAL PATROL ONLY							
8	All items on list checked as "OK" or "Condition Found"												
9	If "Condition Found" is checked, is there an "Issue" documented												
10	If an "Issue" is documented, is there an associated "Action", "Action By" and "Date"												
11	Is the report signed off by the patroller												
12	Is the report signed off by the DS within 1 month of the patrol												
13	Is the last "Performed By Date" within a calendar year not to exceed 15 months of the previous "Performed By Date"												
14	If the patrolling report indicates that a leak was found and/or buried piping was uncovered, was a "leak survey, repair, and inspection" form F4110 filled out.												
EXPOSED PIPING													
15	Top portion of the form is completely filled in? Is the range of MP to MP complete?	none					1						
16	The roster of exposed piping is the same as the previous year or explanations are documented						1						
17	If "Issue" is checked, there is an explanation on the back of the form												
18	If an "Issue" is documented, is there an associated Action, "Action By" and "Date"												
19	Is the Patrol report signed off by the patroller						1						
20	Is the report signed off by the DS within 1 month of the patrol						1						
21	Is the last "Patrol Date" within 15 months of the previous "Patrol Date" for each location						1						
22	For active slide areas, is the form filled out properly and the annual inspection done on schedule?												
SUMMARY			2	0	0		7	0	0		0	0	0

A) L-2 aerial only, so no F4111a

MARK AND LOCATE EQUIPMENT CALIBRATION

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

		Kettleman			
		REVIEW DETAIL			
GENERAL		Note	OK	MIN	SIG
1	Does the District have a test location to verify the mark and locate equipment?				
2	Verified above ground?				
3	Verified below ground?				
4	Form 60.2-A has been fill out completely on top				
CALIBRATIONS					
5	Mark and Locates are being conducted with approved instruments. (preferably MetroTech's 9890/850)				
6	Form 60.2-A is dated and signed by employee each month				
7	Form 60.2-A is completed (Calibrations) each month for each employee who has a locating piece of equipment				
8	Calibration on file for previous 5 years				
9	Post-Repair and dig-In Data section is properly fill in (If Appropriate)				
SUMMARY			0	0	0

ALL RECORDS WERE FOUND IN THE L300N BAKERSFIELD OFFICE

AUDIT INFORMATION IS CONTAINED IN THE REPORT FOR L300N BAKERSFIELD

VALVES

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

Auditor: <div></div>						HelmTap				MorBayInTie				MorBayMtr				MorBayPr							
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
VALVE INVENTORY		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Have the Emergency Valves been identified in the district?	A	Y(N)			A	Y(N)			A	Y(N)			Y/N				Y/N				A	Y(N)		
2	Have there been any addition or deletion of emergency valves since last year? Have the valve cards been added/deleted to reflect change? (ask DS)	Y/N				Y/N				Y/N				Y/N				Y/N				Y/N			
SERVICE HISTORY																									
3	Is the maint frequency once per calendar year not to exceed 15 months?		6				8				12				2				6				13		
4	Are the first 6 fields completed		6				8			B	12				2				6				13		
5	If REPAIRS were required, is ACTION shown and Repair & Review signed off?																								
SUMMARY			12	0	0		16	0	0		24	0	0		4	0	0		12	0	0		26	0	0

A) The set of valves categorized as "emergency" is larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. [REDACTED] MorBayPrimary [REDACTED] HelmTap) (-0) Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder. This audit considered all cards in the "emer" tab in the binder.

B) Helm Tap has a few valves for which dashes are used instead check marks. (-0) Stick with conventional markings that can be understood, such as "yes" "n/a" "√" "no".

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

VALVES

		Panoche				Valves L-2				Valves L190				300A KCS-405				300B KCS-405							
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
VALVE INVENTORY		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Have the Emergency Valves been identified in the district?	A	Y	N		E	Y	N			Y	N			Y	N		C	Y	N	6		Y	N	
2	Have there been any addition or deletion of emergency valves since last year? Have the valve cards been added/deleted to reflect change? (ask DS)																								
SERVICE HISTORY																									
3	Is the maint frequency once per calendar year not to exceed 15 months?	B	25	2	0		14				8				18			C	14						
4	Are the first 6 fields completed		25				14			F	8	1			18			D	14		0				
5	If REPAIRS were required, is ACTION shown and Repair & Review signed off?																								
SUMMARY			50	2	0		28	0	0		16	1	0		36	0	0		28	0	0		0	0	0

A) The set of Panoche valves categorized as "emergency" is far larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. (-0) Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder. This audit considered all cards in the "emer" tab in the binder.

B) Panoche V-69 has no 2004 maint in 4/04, and V-393.53A has no 5/05 maint documented. (-2mnr) Research PLM to confirm valves were maintained, check with mechanic to confirm that valves were moved during maintenance, update records, and revise scoring as appropriate. PLM shows both valves maintained in 11/7/04...not 4/04 since station rebuild was underway. Update the records.

C) Spot check of OpMap vs. valve card set showed that MLV373.82B, associated blowoffs, and nearby taps are not in the set of valve cards in the binder. District confirmed that the valves have been maintained on 8/25/05 and the book was updated. The valves are listed as emergency CPUC A in PLM and valve cards are in the book. Records are in a separate binder for LRCV 373.82 and Speckles. NO ISSUE - RESOLVED (-0)

D) Seven valves on L300B KCS to 405 are shown as not operated during annual maintenance. A note on the card is in place on all but V21 @ 355.40 "only operate small tap valves in emergencies". Revise valve cards and PLM to change from "emer" to "other". Add notes to all cards that these are non-emer valves since if they fail to operate, the downstream pipe will be squeezed off. Develop and execute on a plan to install valves that can be operated annually during maintenance and in an emergency. Note the plan on the valve records for reference. (-0)

E) Map in file for L-2 valves is not consistent with the set of valves in the "emer" section of the binder. (-0) Update the map to match, or note on the map that it doesn't match.

F) L190 T12.17 is not shown as inspected. (-1mnr) Check with mechanic, update records.

VALVES

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

VALVE INVENTORY	LRCV 373				L306				L401															
	REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1 Have the Emergency Valves been identified in the district?	A	Y	N		Y/N				Y/N				Y/N				Y/N				Y/N			
2 Have there been any addition or deletion of emergency valves since last year? Have the valve cards been added/deleted to reflect change? (ask DS)																								
SERVICE HISTORY																								
3 Is the maint frequency once per calendar year not to exceed 15 months?		3				16				3				9										
4 Are the first 6 fields completed		3				16				3				9										
5 If REPAIRS were required, is ACTION shown and Repair & Review signed off?																								
SUMMARY		6	0	0		32	0	0		6	0	0		18	0	0		0	0	0		0	0	0

A) The set of Spreckles valves categorized as "emergency" is larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. (-0) Review and revise the valve cards and PLM as appropriate: move non-emer valve cards to the non-emer section in the binder. This audit considered all cards in the "emer" tab in the binder.

RELIEF VALVES

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

		[REDACTED]				HelmTap + LRCV 378				Morro Bay Intertie			
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Is there a relief valve list? Should note all reliefs, & whether they are package reliefs.	C	Y/N			Y/N				Y/N			
2	Is the most recent version of the relief valve maintenance form being used		Y/N			Y/N				Y/N			
3	Is the Package Relief form used when appropriate (FH70)	Y/N				Y/N				Y/N			
QUALITY OF MAINTENANCE													
4	The top part of the Relief Valve Maintenance form is completed thoroughly		4				6				4		
5	Equipment number on the maintenance form and RV Calculations match		n/a				6				4		
6	Maintenance frequency is once per calendar year not to exceed 15 months		4				6				4		
7	Relief valve calculations are available (excl. pkg reliefs)		n/a				6				4		
8	Actual relief set-points are in agreement with calculations (Can not be higher!)		4				6				4		
9	Relief valve calculations have been verified and signed off on schedule.		n/a			AB		7	<1>		4		
SUMMARY			12	0	0		30	7	0		24	0	0

A) LRCV378 calcs and maint records were not signed off by mgmt. (-2mnr). Add mgmt review to the two calcs and the two ReliefValveRecord maintenance logs. Review processes to keep GMS current on records review.

B) Helm PRV's lack management review, and PRV4 has no calc review at all. (-4mnr, -1mnr). Check PLM to confirm whether calc review was done for PRV4, add records as appropriate, add mgmt review, revise scoring if appropriate. PLM check showed 9/21/05 maint by [REDACTED]. Update the records.

C) [REDACTED] PRV's are only shown on the list by name. Not set point info is shown. (-0) Add set point information to the relief valve list for the sake of completeness.

RELIEF VALVES

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

	Morro Bay Primary				Panoche & LRCV 393							
	REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1 Is there a relief valve list? Should note all reliefs, & whether they are package reliefs.	Y/N				Y/N				Y/N			
2 Is the most recent version of the relief valve maintenance form being used	Y/N				Y/N				Y/N			
3 Is the Package Relief form used when appropriate (FH70)	Y/N				Y/N				Y/N			
QUALITY OF MAINTENANCE												
4 The top part of the Relief Valve Maintenance form is completed thoroughly		11								8		
5 Equipment number on the maintenance form and RV Calculations match		11								8		
6 Maintenance frequency is once per calendar year not to exceed 15 months		11			A				B	8		
7 Relief valve calculations are available (excl. pkg reliefs)		11								8		
8 Actual relief set-points are in agreement with calculations (Can not be higher!)		11								8		
9 Relief valve calculations have been verified and signed off on schedule.	C	10	1							8		
SUMMARY		65	1	0		0	0	0		48	0	0

A) Panoche & LRCV 393 were rebuilt and no longer have reliefs in service.
B) Oct 05 records for were not yet in file, so 2004 records were reviewed.
C) MorroBayPrim Rack3 PRV-2-3 has no mgmt review of the calc. (-1mnr) Perform and document the review, examine the processes to keep the GMS current on records review.

REGULATORS and REG STATIONS

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

		PLS				HelmTap+LRCV378				Morro Bay Intie			
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Evidence of the equipment that is in operation is available in the file (station data available? O&MI?). Included in inventory / equipment-specific info is found to support maintenance.	A	Y/N			A	Y/N			A	Y/N		
2	All major categories on form addressed	Y/N				Y/N				Y/N			
QUALITY OF MAINTENANCE													
3	Is the correct version of the CGT Station Maintenance Report or Regulator Maintenance Form (RMF) being used?	Y/N				Y/N				Y/N			
4	Maintenance activities are initialed and dated		3			16				14		5	
5	Pressure control maintenance activities are performed on schedule		3			16				14		5	
6	Non-emer valves were stroked		n/a			4				4		n/a	
7	Form was reviewed and initialed by management		1			C	1			C	1		
8	Vault Inspections have been completed and signed off on schedule	B	1			n/a				n/a		n/a	
9	O&MI log has been reviewed and signed off on schedule. (for facilities with O&MIs)		n/a			1				1		1	
10	Operating Diag on file w/current MAOP/MOP		1			1				1		1	
11	PCV set points and control points are consistent with OpDiag MAOP/MOP		3			16				14		5	
SUMMARY			12	0	0	55	0	0		49	0	0	

A) Equipment info is noted in the reg folder as being in the O&MI and construction drawings. No equipment in file in the reg maint folder. OK
B) [REDACTED] vault insp last documented 9/30/04. 2005 maint not yet documented.
C) HelpTap StaMaintForm was signed on two of four pages. [REDACTED] was signed on one of two pages. (-0) Make an effort to initial all loose pages to ensure that all pages have received review.

REGULATORS and REG STATIONS

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

		Morro Bay Prim				Panoche Sta								MBMstrMtr			
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Evidence of the equipment that is in operation is available in the file (station data available? O&MI?). Included in inventory / equipment-specific info is found to support maintenance.	A	Y/N			A	Y/N			Y/N				Y/N			
2	All major categories on form addressed	Y/N				Y/N				Y/N				Y/N			
QUALITY OF MAINTENANCE																	
3	Is the correct version of the CGT Station Maintenance Report or Regulator Maintenance Form (RMF) being used?	Y/N				Y/N				Y/N				Y/N			
4	Maintenance activities are initialed and dated		28				26				12						
5	Pressure control maintenance activities are performed on schedule		28				26				12						
6	Non-emer valves were stroked		8				10				n/a						
7	Form was reviewed and initialed by management	B	1			B	6			B	1				n/a		
8	Vault Inspections have been completed and signed off on schedule		n/a				n/a				n/a						
9	O&MI log has been reviewed and signed off on schedule. (for facilities with O&MIs)		1				1			D	1				1		
10	Operating Diag on file w/current MAOP/MOP		1			C	1				1			A		<1>	
11	PCV set points and control points are consistent with OpDiag MAOP/MOP		28				26				12						
SUMMARY			95	0	0		96	0	0		39	0	0				

A) MBMM OpDiag does not contain pressure info, but the station does flow control, not pressure control, so not a big issue. (-0) Add the MAOP's to the OpDiag.
B) MBPrimary sta maint forms were signed on one of four pages. Most but not all Panoche forms were signed. One of three pages in Spreckles was signed. (-0) Make an effort to initial all pages to ensure that all pages have received review.
C) Panoche OpDiag in file did not contain MAOPs for all inlets and outlets. New OpDiag w/all pressures added 10/31. RESOLVED.
D) O&MI last reviewed 10/04, which is current as of the time of this audit. 2005 review not yet documented.

CORROSION CONTROL

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

		L-2				L-190				L-300A			
		REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
ADMINISTRATIVE INFORMATION		Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
1	Is the map depicting the system, and has rectifiers shown on it, in the folder		1			A		1					
2	Are <u>all</u> of the CP Station Reports in the folder According to PLM)		3			B	2	1					
3	Is the most recent Rectifier Reads - PLM report in the folder (print out and compare)		1				1						
4	Is the most recent P/S Reads - PLM report in the folder (print out and compare)		1				1						
QUALITY OF CP DATA													
5	Are the Rectifier Read PLM failure notes addressed satisfactorily?		4				8						
6	Are the P/S Reads PLM failure notes addressed satisfactorily	DE	9	0		C		1					
Deficiencies: PS 850mv - 1600mvmor <100mv shift; C/S<[800]mv or <100 or P/S													
Deficiencies: P/S>[1600] mv (anodic field or??)													
7	Are Action Plans in the folder? Does the Action Plan state scope and schedule for correction(s))?												
SUMMARY			19	0	0		12	3	0		0	0	0

A) 11-83 rectifier is not shown on the OpMap for L190. (-1mnr) Add the station to the map.
B) No CPStaRpt is in file for rectifier 11-82. (-1mnr) Add the report to file. Resolved 11/28/05
C) L190 MP2.57 %LEL was checked and added to work notes (good work note), but never entered as data. (-1mnr) All data must be entered to PLM as data, not text in a work note. Add a new data entry with the %LEL reading. Resolved 11/28/05
D) L-2 seven work notes indicate that a new read has been taken and will be posted, but no read is shown. (-0) Produce a new PLM report to check that new reads are now in place as data, and revise scoring as appropriate. PLM shows new reads have been posted as data.
E) L-2 MP58.6 addresses an OK re-read, but the data is not shown (-0). Add a new data entry with the new reads. If reads are in PLM now, revise scoring. PLM shows new reads have been posted as data.

CORROSION CONTROL

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor:

	L-300B				L-306				L-401			
	REVIEW DETAIL				REVIEW DETAIL				REVIEW DETAIL			
	Note	OK	MIN	SIG	Note	OK	MIN	SIG	Note	OK	MIN	SIG
ADMINISTRATIVE INFORMATION												
1 Is the map depicting the system, and has rectifiers shown on it, in the folder						1						
2 Are <u>all</u> of the CP Station Reports in the folder According to PLM)					A	8						
3 Is the most recent Rectifier Reads - PLM report in the folder (print out and compare)						1						
4 Is the most recent P/S Reads - PLM report in the folder (print out and compare)						1						
QUALITY OF CP DATA												
5 Are the Rectifier Read PLM failure notes addressed satisfactorily?					B	8	2					
6 Are the P/S Reads PLM failure notes addressed satisfactorily						3						
Deficiencies: PS 850mv - 1600mv or <100mv shift; C/S<[800]mv or <100 or P/S												
Deficiencies: P/S>[1600] mv (anodic field or??)												
7 Are Action Plans in the folder? Does the Action Plan state scope and schedule for correction(s))?												
SUMMARY		0	0	0		22	2	0		0	0	0
A) Milepoints for two L306 CPSta are not consistent between the map and the reports. (-0) <u>Update the MPs shown on the map to be consistent.</u> B) mp0.35 & 4.3: 1/05 failure note has no corresponding work note. (-2mnr) <u>Add work notes to PLM when failure notes arise (no need to correct this now given that new reads are now in place).</u>												

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

300N Kettleman Rectifiers

Rectifer #	Line #	MP	PLM	Station Report	On Map	No Station Report	
11-81	190	8.29	X	X	X		
11-82	190	13	X	no	X		add CPStaRpt to file
11-83	190	16.08	X	X	no		add to the map
11-85	306	0.35	X	X	X		
no #	306	6.36	6.36	X	X		
SR14	306	14	X	X	X		
11-78	306	26.7	X	X	X		
11-306	306	40.3	X	X	X		
11-79	306	49.5	X	X	48.5		correct the MP on the map
11-80	306		X	X	62.5		correct the MP on the map
11-84	306	70.02	X	X	70		
112-300	300A	367	X				
93-300	300A	392.6	X				
63-300	300B	357.4	X				
92-300	300B	385.7	X				
65-300	300B	405.6	X				
no number	SP2	43.5	X	X	X		
no number	SP2	48.9	X	X	X		
no number	SP2	59.5	X	X	X		
none	401						

ACTION NOTES TABLE

District: L300 N Kett
AuditDate: 10/31 & 11/1/05
ReportDate: 12/8/05
Auditor: [REDACTED]

This table lists the open and resolved action issues which resulted from the audit. The district may find this table to be an organized way to keep track of this work, and/or to communicate plans and status to SI and the Area Supt. The Operating Specialist or district staff may find this table useful in supporting periodic reviews of the records during early 2006. The "DISTRICT RESPONSE / PLAN" column is merely an illustration of the kinds of action the district may consider in addressing the central issues.

DISTRICT FUTURE PROCESS ACTION ITEMS			
GENERAL ISSUE	AUDIT COMMENTS	DISTRICT RESPONSE / PLAN	STATUS NOTES
Maint Records General	In a few instances, PLM shows work was done, but maintenance record missing or incomplete. - Review processes to ensure maint records are updated when PLM entries are made, but this is a VERY SMALL item for this district so no change may be needed.	- Refresher tailboard to be held with the crew. - OS to spot check in 2006.	
GMS review	GMS review was not conducted or documented in a few instances. - Examine processes to keep GMS up to date. Review signature should appear on all pages reviewed to help add clarity that each page received a review.	- Consider monthly PLM report to help avoid missed GMS reviews. - OS to spot check in 2006.	
Patrol Documentation	Some patrol issues are not documented correctly, and some inconsistencies exist between the patrol plan and practice.	- Review audit results, how the forms should be filled out w/crew. - Review/correct patrol plans. OS to spot check in 2006.	

DISTRICT DETAILED ACTION ITEMS TO BE RESOLVED (found on each individual report page)				
REPORT PAGE	NOTE	ISSUES	RESOLUTION PLAN	STATUS NOTES
PtrlLk2	A	A) MBMstrMtr patrol form for instrument leak survey 9/2/04 found in the MBMM station maint file. None of the boxes were checked, but the form had been rvwd by mgmt. <u>This patrol record needs to be moved to the L306 patrol folder. The boxes on the form need to be filled in and issues if any need to be documented on the back of the form. District corrected the form 11/29/05; no significant patrol findings.</u> (-1mnr)		
Reliefs1	B	B) Helm PRV's lack management review, and PRV4 has no calc review at all. (-4mnr, -1mnr). <u>Check PLM to confirm whether calc review was done for PRV4, add records as appropriate, add mgmt review, revise scoring if appropriate. PLM check showed 9/21/05 maint by [REDACTED]. Update records.</u>	Confirm the record has been updated and signed off to match the PLM record.	Done 9/21 calc. Review done by [REDACTED] per PLM and timecard
Reliefs1	A	A) LRCV378 calcs and maint records were not signed off by mgmt. (-2mnr). <u>Add mgmt review to the two calcs and the two ReliefValveRecord maintenance logs. Review processes to keep GMS current on records review.</u>		
Reliefs2	C	C) MorroBayPrim Rack3 PRV-2-3 has no mgmt review of the calc. (-1mnr) <u>Perform and document the review, examine the processes to keep the GMS current on records review.</u>		

ACTION NOTES TABLE

REPORT PAGE	NOTE	ISSUES	RESOLUTION PLAN	STATUS NOTES
Reliefs1	C	C) Estrella PRV's are only shown on the list by name. Not set point info is shown. (-0) <u>Add set point information to the relief valve list for the sake of completeness.</u>		
Regs2	A	A) MBMM OpDiag does not contain pressure info, but the station does flow control, not pressure control, so not a big issue. (-0) <u>Add the MAOP's to the OpDiag.</u>		
Regs1	C	C) HelpTap StaMaintForm was signed on two of four pages. (-0) <u>Make an effort to initial all loose pages to ensure that all pages have received review.</u>		
Regs2	B	B) MBPrimary sta maint forms were signed on one of four pages. (-0) <u>Make an effort to initial all loose pages to ensure that all pages have received review.</u>		
PtrLk2	A	A) Cls 2 area on L300A @ MP 372 is shown on the plan as patrolled by instrument for leaks. (no score) <u>Clarify in the patrol plan the reason for patrolling with instrument/ground instead of by air for leaks.</u>		
PtrLk2	D	D) L306: Intertie and MorroBayPrimary F4111a forms were found for 2005 & 2003 but not in file for 2004. (-2mnr) <u>Research PLM to check whether patrols were conducted, find or add records to file as appropriate, and revise scoring if appropriate. If appropriate, review processes that allow PLM to be updated without patrol forms completed and strengthen as appropriate. PLM shows work was done 6/9/04 by [REDACTED]. Find or create patrol reports and update records</u>	- Find or create patrol reports and update records - Done 6/9 by [REDACTED] per PLM and timecard	
PtrLk1	B	B) HelpTap patrol form in file for 9/05 but none found for 2004. (-1mnr) <u>Research PLM to confirm patrol was done or find patrol form elsewhere, update records in L300A file, revise scoring if appropriate. PLM research shows 9/7/04 patrol done by [REDACTED].</u>		
PtrLk1	C	C) L300A KCS-401 one of the span patrol forms was not shown as reviewed by mgmt. (-1mnr) <u>Add the review to the record. Examine process to ensure mgmt review catches all pages.</u>		
PtrLk1	F	F) F4111a instrument leak patrol in file for 2005 & 2004 for 373.82, but not shown on the patrol plan. (-1mnr) <u>Update the patrol plan to show this patrol, and the reason for the patrol.</u>		
PtrLk2	B	B) L306 patrol of 0.00-1.00 area is patrolled by instrument but is class 1. (-0) <u>The patrol plan should show the reason that this is patrolled by instrument instead of by air.</u>		
PtrLk1	G	G) Cls 1 area on L190 @ MP 16.1 is shown on the plan as patrolled by instrument for leaks. The newest OpMap and OpDiag show MP 16.08 as the end of the pipeline. The OpDiag 082532 does not clearly show the end of PG&E's facilities. (-1mnr) <u>Clarify in the patrol plan the ending milepoint for the patrols, clarify the apparent inconsistency with the 3/05 F4111a milepoints, clarify on the patrol plan the reason for patrolling this section with instrument/ground instead of by air for leaks.</u>		
PtrLk2	G	G) Anderson Line patrol of 0.00-7.5 area is patrolled by instrument but is class 1. (-0) <u>The patrol plan should show the reason that this is patrolled by instrument instead of by air.</u>		
Reliefs2	A	A) Panoche & LRCV 393 were rebuilt and no longer have reliefs in service. <u>Add note to file that LRCV 393 reliefs are no longer in svc</u>		

ACTION NOTES TABLE

REPORT PAGE	NOTE	ISSUES	RESOLUTION PLAN	STATUS NOTES
Corrosion1	A	A) 11-83 rectifier is not shown on the OpMap for L190. (-1mnr) <u>Add the station to the map.</u>		
Corrosion2	A	A) Milepoints for two L306 CPSta are not consistent between the map and the reports. (-0) Update the MPs shown on the map to be consistent.		
Corrosion2	B	B) mp0.35 & 4.3: 1/05 failure note has no corresponding work note. (-2mnr) <u>Add work notes to PLM when failure notes arise (no need to correct this now given that new reads are now in place).</u>		
Valves2	A	A) The set of Panoche valves categorized as "emergency" is far larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. (-0) <u>Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder.</u>		
Valves2	B	B) Panoche V-69 has no 2004 maint in 4/04, and V-393.53A has no 5/05 maint documented. (-2mnr) <u>Research PLM to confirm valves were maintained, check with mechanic to confirm that valves were moved during maintenance, update records, and revise scoring as appropriate. PLM shows both valves maintained in 11/7/04...not 4/04 since station rebuild was underway. Update the records.</u>	- Update the records - Valves were operated in preparation of the pigging project at Panoche..	
Valves2	D	D) Seven valves on L300B KCS to 405 are shown as not operated during annual maintenance. A note on the card is in place on all but V21 @ 355.40 "only operate small tap valves in emergencies". <u>Revise valve cards and PLM to change from "emer" to "other". Add notes to all cards that these are non-emer valves since if they fail to operate, the downstream pipe will be squeezed off. Develop and execute a plan to install valves that can be operated annually during maintenance and in an emergency. Note the plan on the valve records for reference.</u> (-0)		
Valves2	E	E) Map in file for L-2 valves is not consistent with the set of valves in the "emer" section of the binder. (-0) <u>Update the map to match, or note on the map that it doesn't match.</u>		
Valves2	F	F) L190 T12.17 is not shown as inspected. (-1mnr) <u>Check with mechanic, update records.</u>		
Valves1	A	A) The set of [REDACTED] valves categorized as "emergency" is larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. (-0) <u>Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder. This audit considered all cards in the "emer" tab in the binder.</u>		
Vlaves3	A	A) The set of [REDACTED] valves categorized as "emergency" is larger than is appropriate. Some valves marked as "other" are still in the "emer" section of the binder. (-0) <u>Review and revise the valve cards and PLM as appropriate; move non-emer valve cards to the non-emer section in the binder. This audit considered all cards in the "emer" tab in the binder.</u>		
RESOLVED ITEMS				

ACTION NOTES TABLE

REPORT PAGE	NOTE	ISSUES	RESOLUTION PLAN	STATUS NOTES
Aerial Patrol		Find Oct 04 or 05 aerial patrol report. Note that binder is still in Carol's office.	Binder has been updated	resolved report updated
PtrILk2	C	C) L306 MBIntertie F4111 shows an issue checked but no documentation on the back of the form. <u>District confirmed issue was minor, form has been updated - resolved 112/29/05. (-1mnr)</u>		resolved
PtrILk2	D	D) L306: Intertie and MorroBayPrimary F4111a forms were found for 2005 & 2003 but not in file for 2004. (-2mnr) <u>Research PLM to check whether patrols were conducted, find or add records to file as appropriate, and revise scoring if appropriate. If appropriate, review processes that allow PLM to be updated without patrol forms completed and strengthen as appropriate. PLM shows work was done 6/9/04 by [REDACTED].</u>		resolved report updated
Valves2	C	C) Spot check of OpMap vs. valve card set showed that MLV373.82B, associated blowoffs, and nearby taps are not in the set of valve cards in the binder. <u>District confirmed that the valves have been maintained on 8/25/05 and the book was updated. The valves are listed as emergency CPUC A in PLM and valve cards are in the book. Records are in a separate binder for LRCV 373.82 and Speckles. NO ISSUE - RESOLVED (-0)</u>		RESOLVED
Corrosion1	B	B) No CPStaRpt is in file for rectifier 11-82. (-1mnr) <u>Add the report to file.</u>	Form added	resolved report updated
Corrosion1	C	C) L190 MP2.57 %LEL was checked and added to work notes (good work note), but never entered as data. (-1mnr) All data must be entered to PLM as data, not text in a work note. <u>Add a new data entry with the %LEL reading. Resolved 11/28/95</u>	verified that all new reads on ETS locations including %LEL were entered into the database	resolved report updated
Corrosion1	D	D) L-2 seven work notes indicate that a new read has been taken and will be posted, but no read is shown. (-0) <u>Produce a new PLM report to check that new reads are now in place as data, and revise scoring as appropriate. PLM shows new reads have been posted as data.</u>		resolved report updated
Corrosion1	E	E) L-2 MP58.6 addresses an OK re-read, but the data is not shown (-0). <u>Add a new data entry with the new reads. If reads are in PLM now, revise scoring. PLM shows reads have been posted as data.</u>		resolved report updated