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Decision 98-08-032 August 6, 1998

ORIGINAL

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

In the Matter of the Application of SOUTHERN CALIFORNIA GAS COMPANY for authority to offer installation of automatic earthquake gas shut-off valves, and related matters. (U 904 G)

Application 96-06-049
(Filed June 20, 1996)

**OPINION ON PETITION FOR MODIFICATION
OF DECISION (D.) 96-09-044**

Summary

The Commission adopts on an interim basis Southern California Gas Company's (SoCalGas) proposals to modify the requirements that contractors must meet to install customer-owned automatic earthquake gas shut-off valves (valves) on SoCalGas' side of the meter.¹

The valve installation requirements adopted in D.96-09-044 are modified to: (1) designate the type of contractor's license required; (2) specify insurance requirements; (3) increase training requirements; (4) implement a quality assurance and recordkeeping system; (5) address compliance with Department of Transportation (DOT) rulings; and (6) prescribe operating parameters for contractors working on SoCalGas' side of the meter.

¹ These installations are generally made by contractors under contract to valve vendors who are selling valves to customers on an "installed" basis. The contractors can also contract directly with gas customers to install valves owned by customers. These contractors are not working under contract to SoCalGas. SoCalGas also offers a tariffed service in which its own employees will install valves for valve vendors or customers. This decision does not change the terms or rates for SoCalGas' own installation service.

Background

In D.96-09-044, we approved SoCalGas' proposal to grant contractors permission to install customer-owned valves on SoCalGas' side of the meter, subject to certain conditions. For physical reasons, installing a valve on SoCalGas' side of the meter is frequently less costly than installing a valve on the customer's side. Thus, by allowing contractors to install valves on SoCalGas' facilities, SoCalGas was reducing the cost to customers, promoting competition in the valve installation business, and eliminating a competitive advantage it otherwise would have had in the valve installation market.²

Since D.96-09-044 was issued, SoCalGas has provided training to approximately 240 persons (licensed contractors and their employees). SoCalGas estimates that approximately 12,000 valves have been installed by contractors.

However, according to SoCalGas, new issues have arisen. To address these issues, SoCalGas filed a petition for modification of D.96-09-044 on January 20, 1998. SoCalGas filed an amendment to the petition on February 10, 1998. The Utilities Safety Branch (USB) of the Consumer Services Division filed a response on February 19, 1998. A prehearing conference was held on April 20, 1998.

Contractor Licensing Requirements

Currently, SoCalGas requires that a person installing a valve on SoCalGas' side of the meter hold a valid A, B, or C36 contractor's license, or be an unlicensed employee of such a contractor working under the contractor's

² As provided in SoCalGas' tariff Rule 10 as approved in D.96-09-044, after installation, the valve is the property of the gas customer, who may have the valve removed at any time unless it is required by law to be installed. Also, SoCalGas' tariffs provide that upon sale of the customer's premises, SoCalGas may require the customer to remove the valve or agree to transfer it to the purchaser of the premises.

supervision. "A" licensees are engineering contractors, "B" licensees are general building contractors, and "C36" licensees are plumbing contractors.

An amendment of Business and Professions Code Section 7057, effective January 1, 1998, by Senate Bill (SB) 857 (Stats. 1997, Ch. 812), added subsection (b) to Section 7057. This subsection provides that no general building contractor may enter into a contract involving trades other than framing or carpentry unless the contract involves two or more unrelated building trades or crafts other than framing and carpentry, unless the general building contractor also holds the relevant specialty license or subcontracts with a contractor who does hold the specialty license.

According to SoCalGas, in the case of valve installation, only one trade or craft is involved, that of plumbing. Therefore, subsection (b) of Section 7057 prevents a contractor with a B license (general building contractor) from performing valve installations unless the B licensee also has a C36 (plumbing) license or subcontracts to a C36 licensee.

Further, SoCalGas states that the amendment to Section 7057 does not prevent A licensees (engineering contractors) who do not have a C36 license from performing valve installations. Therefore, SoCalGas is not amending its petition to remove the "grandfather" provision for A licensees.³ However, as of this time, there are no A licensees currently doing installations on SoCalGas' side of the meter.

In D.96-09-044, we did not address the matter of contractor licensing requirements. SoCalGas requests that D.96-09-044, Appendix B, be modified to

³ SoCalGas' petition dated January 20, 1998 requested that A and B licensees, who already have permission to install valves on SoCalGas' side of the meter be "grandfathered" to allow them to continue installing valves.

add the requirement that only persons holding C36 contractor licenses and their properly supervised employees would be permitted to install valves on SoCalGas' facilities, except that Class A licensees who had permission, as of the date of this decision, may continue to install valves on SoCalGas' facilities. Also, SoCalGas would have the ability to withdraw permission from these "grandfathered" A licensees, as well as any C36 licensees, who demonstrate a record of unacceptable quality of performance.

Training

D.96-09-044 requires that valve installation contractors and their employees attend a SoCalGas training program. Currently, the training program lasts about four hours and costs \$125 per attendee. Additional training is available at the contractor's option and cost. All participants are required to pass a written test at the conclusion of the training before receiving permission to install valves on SoCalGas' side of the meter.

SoCalGas now proposes that the training requirements be modified to require those who do not possess a C36 license (but who will be working under the supervision of a C36 licensee) to pass a hands-on test to demonstrate an acceptable level of proficiency. This requirement will probably increase class time by about four hours (but not beyond the one to two days already authorized by D.96-09-044) and increase the cost to attendees to about \$250. The purpose of this additional condition is to ensure that the attendee has actually learned what has been taught and demonstrated the skill to do an installation properly and safely. The hands-on test would not be required of persons who hold a C36 contractors license because they have already demonstrated hands-on proficiency in qualifying for their C36 license.

SoCalGas also proposes to require that persons who intend to use portable meter by-pass equipment attend a two-hour SoCalGas training class on

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the proper use of the equipment and filling of compressed natural gas bottles. The cost of this two-hour training class will be \$75.

In addition, SoCalGas proposes that all valve installers be required to attend annually a two-hour SoCalGas refresher safety course as SoCalGas does periodically with its own employees. The purpose of this requirement is to reinforce safe practices, and to train installers on changes in safety regulations or practices. The cost of this two-hour refresher course will be \$75.

SoCalGas requests that D.96-09-044, Appendix B, be modified to add the increased training requirements discussed above.

Insurance Requirement

In D.96-09-044, we did not address the matter of contractor insurance. SoCalGas proposes that D.96-09-044, Appendix B be modified to add the requirement that participating contractors be required to have in effect a general liability policy with policy limits of not less than \$1 million per occurrence, and that the contractor name SoCalGas as an additional insured. Contractors would have to provide SoCalGas with evidence of compliance. SoCalGas asserts that this condition is appropriate because of the possibility that SoCalGas would be sued by any person injured in an incident where the contractor was alleged to have violated a pipeline safety regulation. SoCalGas believes that this condition should not be a barrier to participation by contractors who generally are required to carry insurance of this nature as a condition of their contractor's license.

Quality Assurance

In D.96-09-044, we did not address the matter of quality assurance and recordkeeping. Currently, participating contractors are required to submit to SoCalGas documentation on each installation they perform, and SoCalGas has been inspecting at its own cost a portion of the installations done by contractors.

SoCalGas proposes that D.96-09-044, Appendix B, be modified to add the requirement that contractors be required to submit documentation for each installation within 14 days. Failure to submit the documentation within the prescribed time would result in suspension or withdrawal of permission to install valves on SoCalGas facilities.

Also, SoCalGas proposes to institute a more substantial program of quality assurance to be funded by charges to be paid by the contractors. SoCalGas would inspect all (100%) of the first 50 installations by a contractor. If the quality of the first 50 is not satisfactory, the inspection ratio would remain at 100% until the point at which the 50 most recent jobs were of satisfactory quality. Once the quality for 50 jobs is satisfactory, SoCalGas would reduce the inspection percentage to 50% for further installations. If quality was found to be satisfactory on inspections at the 50% rate, SoCalGas could further reduce inspections for the contractor to 25%.

If the quality of the work of a particular contractor at any time is found to be unsatisfactory, SoCalGas would have the right to increase the inspection ratio for that contractor. If the contractor continued to fail to perform satisfactory work after notice from SoCalGas that the contractor's work was unsatisfactory, SoCalGas will have the right to withdraw permission for that contractor to install valves on SoCalGas facilities.

SoCalGas states that this program of quality assurance will cause it to incur significant increased costs.

SoCalGas proposes that a \$20 per installation inspection fee be charged to defray the cost of the inspection. Thus, the average cost per installation to the contractor for installations inspected would range from \$5 for a contractor at the 25% inspection rate to \$20 at the 100% inspection rate.

SoCalGas submits that the amount of the \$20 charge per installation actually inspected is justified because it requires having a SoCalGas employee visit the customer's premises. Normally, this activity would cost SoCalGas at least \$32.50, but SoCalGas believes it can reduce the cost to \$20 by planning "routes" to inspect in one day a number of installations in the same area that were made over a period of time.

SoCalGas proposes that contractors be required to pay SoCalGas \$5 for every valve installed to defray SoCalGas' cost of entering information about the existence of the valve in SoCalGas' records. According to SoCalGas, the \$5 charge is justified by the fact that SoCalGas will incur additional costs to maintain records required by pipeline safety regulations regardless of whether SoCalGas inspects each such valve installation. SoCalGas states that the actual cost of such recordkeeping is approximately \$5 per installation. Also, the \$5 cost is built into SoCalGas' existing tariff rate for its own installation service, so SoCalGas contends that it will be competing on an equal basis in this respect with other installers.

SoCalGas requests that D.96-09-044, Appendix B, be modified to add SoCalGas' proposals for quality assurance as discussed above.

Compliance with Department of Transportation (DOT) Rulings

In D.96-09-044, Appendix B, we did address compliance with DOT rulings. However, SoCalGas requests language be added to Appendix B to make it clear that contractors working on *SoCalGas' side of the meter* must comply with all applicable federal and state regulations. For example, contractors working on pipeline facilities performing safety-sensitive functions must have a DOT approved drug and alcohol program in place that will meet the requirements of Part 199 of Title 49 of the Code of Federal Regulations. Contractors will have to participate in existing programs or have their own programs. In either case, the

program must be audited by a third party or contractors must provide other reasonable assurances that satisfy SoCalGas' reporting requirements to the DOT and the Commission.

Contractors working on the SoCalGas piping system will also have to conform with DOT and the Commission requirements for handling and reporting incidents. Training to satisfy these requirements will be provided in the SoCalGas training program described above.

Work Within SoCalGas Operating Parameters

Currently, SoCalGas requires that contractors must use SoCalGas' system design consultation and bypass service' for any installation on SoCalGas facilities with multi-stage pressure regulation or meters larger than size 3. SoCalGas proposes to also require that contractors must use SoCalGas' service at any premises where there are more than 12 meters on a common manifold and any one of those meters is larger than size 3. SoCalGas' service will be provided at the labor rate specified in SoCalGas' tariffs for its earthquake valve installation service approved by D.96-09-044.

SoCalGas states that such large meter installations cannot be bypassed during valve installation by using the portable equipment normally used by contractors. To ensure continuous service during valve installation requires more sophisticated equipment that should be provided by the utility. SoCalGas states that this requirement was overlooked when it prepared its original proposal addressed by D.96-09-044. Therefore, SoCalGas requests that

* Bypass service is provided by cylinders of compressed natural gas which are temporarily connected to the customer's system so that there is no interruption to the customer's service that would require relighting of pilot lights. This is a major problem when installing earthquake valves at large apartment complexes.

language be added to Appendix B to require that contractors must use SoCalGas' bypass service for meter installations larger than size 3, as set forth below:

- Work independently only on meter installations that do NOT include the following features: meter installations larger than size 3, meter installations where there is more than one meter on a common manifold and any meter on the manifold is larger than size 3, meter installations where there are more than twelve meters on a common manifold, or meter installations with greater than standard delivery pressure (1/3 PSI); except as follows: due to the complexity of multi-stage pressure regulation and sensitivity of large volume gas meters, contractor access to SoCalGas facilities will be permitted in the circumstances otherwise prohibited above only if the contractor agrees for SoCalGas to provide system design consultation and by-pass service, at the labor rate specified in SoCalGas' tariffs for its services in earthquake valve installation.

**Position of the California Association of Plumbing,
Heating and Cooling Contractors, and the Service Institute**

Representatives of these trade organizations attended the prehearing conference held on April 20, 1998, and spoke strongly in favor of SoCalGas' proposals.

Position of Consumer Services Division

The Utilities Safety Branch (USB) of the Consumer Services Division, in its February 19, 1998 response to the petition for modification, observes that currently, these valves may also be installed on the customer's side of the meter (rather than on the utility's side) and, under those circumstances, the utility has no input (nor does the Commission have jurisdiction) regarding the installation. Further, USB observes that it was once thought that installation of these valves on the utility's side of the meter may have been less expensive. USB is now concerned that given the proposals presented by SoCalGas, installation on SoCalGas' side of the meter may no longer be cheaper.

USB asserts that it does not have sufficient information about the specifics of SoCalGas' proposals to know whether they are safe or not, and cannot intelligently determine whether SoCalGas' proposals are in the public interest without more information from the utility with an adequate time to review such information.

At the prehearing conference held on April 20, 1998, USB stated that it had no objection to the adoption of SoCalGas' proposals on an interim basis subject to a prehearing conference to be held in six months to review SoCalGas' procedures. However, USB had concerns regarding installations that have already been completed. According to USB, there is only one reason why SoCalGas has filed the instant petition for modification and that is because it does not think the existing valve installations are safe. USB believes there is no other reason for SoCalGas to request that contractor safety requirements be tightened unless there is a problem.

Response of SoCalGas

SoCalGas states that as set forth in the declaration of Jerry Bell, Seismic Services Manager of SoCalGas, attached to the petition for modification, between September 1996 and December 1997, SoCalGas personnel have inspected approximately 25% of the approximately 12,000 valves installed on SoCalGas' facilities by licensed contractors and their employees. Errors were found on less than 2% of the installations inspected. These errors included leakage left at fittings, cathodic protection shorted out, meters reinstalled backwards, insulating bushings improperly installed and regulators reinstalled improperly. To date, there have been no incidents as a result of these errors.

SoCalGas does not agree with USB that it is necessary to inspect the remaining 75% of valves installed. Furthermore, SoCalGas points out that no funding was allowed for inspection of the existing installations. SoCalGas

believes that a more reasonable approach to maintaining customer safety at a reasonable cost to the customer would be to implement the inspection program that it has proposed in the instant petition for modification.

Discussion

USB may have a valid point that SoCalGas' proposed training and inspection requirements may increase the cost of valve installation on the utility's side of the meter to the point where it may no longer cost less than installing the valve on the customer's side of the meter. However, that concern is not a basis to reject SoCalGas' proposals.

On the contrary, SoCalGas' proposals, which are based on experience gained thus far, are a reasonable response to the problem of improving the safety of contractor installations.

The alternative, which SoCalGas is not advocating, is that the customer be required to install a customer-owned valve on the customer's side of the meter, subject to local jurisdiction requirements. We believe that the customer should have a choice and SoCalGas' proposals do not remove that choice.

Regarding USB's request that SoCalGas' proposals be adopted on an interim basis, and a prehearing conference to be held in six months to review progress, we must try and balance two conflicting goals. Keeping this proceeding open for an additional six months would conflict with our goal of closing out all of our proceedings within the time-frames established by SB960.³

³ While this proceeding was filed in 1996, prior to the enactment of Senate Bill (SB) 960 (Stats. 1996, ch. 856), it is the intent of the Legislature that the Commission establish reasonable time periods for the resolution of all proceedings. SB 960, section 1, requires that adjudicatory proceedings be resolved within 12 months or less and all other proceedings be resolved within 18 months or less. It is the intent of the Commission that these goals be met even for non-SB 960 proceedings.

At the same time, we do want to respect the agreement reached by USB and SoCalGas in this proceeding

Therefore, in the interest of public safety we will adopt SoCalGas' proposals for immediate implementation, on an interim basis, since they are clearly a step in the right direction. The interim rules will remain in effect until May 31, 1999 unless SoCalGas files a new application proposing to make these interim rules permanent, in which case the interim rules will remain in effect pending completion of the proceeding addressing SoCalGas' application. This time-period will provide SoCalGas with sufficient operating data on the program, during which time it has agreed to prepare two quarterly reports for submittal to the Utilities Safety Branch addressing the training, the requirements, any incidents that may occur, and any safety violations associated with the earthquake safety valve program (Tr. P. 35). A May 31, 1999 date gives SoCalGas sufficient time to file two quarterly reports for the fourth quarter of 1998 and the first quarter of 1999, as well as sufficient time to prepare an application based on the results of the quarterly reports. We hope that USB and SoCalGas will be able to resolve during this interim period their differences with regard to training and inspection requirements and that SoCalGas new application will not be controversial.

As agreed with USB, SoCalGas shall provide two quarterly reports on the implementation of its new program so that a determination can be made on whether the new program has increased public safety. SoCalGas should respond to any data requests by USB or any other parties during the next six months, so that SoCalGas, USB and the parties can work to resolve any differences prior to SoCalGas filing any application to make these rules permanent. Therefore, we will require SoCalGas, to submit these reports to the Energy Division and serve copies on all parties.

In addition, the Commission has a duty to consider any anticompetitive effects of utilities' proposals. ⁴ The reports shall also include the following information concerning any installation of valves (on SoCalGas' side of the meter) done by an affiliate of SoCalGas:

1. the number of such installations and percentage of all installations prior to the effective date of these interim requirements, and
2. the number of such installations and percentage of all installations during the first five months after the effective date of these interim requirements.

Comments on Draft Decision

The assigned administrative law judge (ALJ) determined that release of his non-Public Utilities Code Section 311 draft decision was in the public interest. Consequently, the ALJ's draft decision was issued for comments on May 15, 1998 (see Rule 77.1 of the Commission's Rules of Practice and Procedure). Comments were filed by USB and SoCalGas on May 29, and reply comments were filed on June 5, 1998. We have reviewed the comments and made changes to the ALJ's draft decision where appropriate.

Findings of Fact

1. As a result of implementing the valve installation standards for contractors adopted in D.96-09-044, SoCalGas has determined that some modifications are needed to the standards adopted.
2. SoCalGas requests that the valve installation requirements adopted in D.96-09-044 be modified to: (1) designate the type of contractor's license required; (2) specify insurance requirements; (3) increase training requirements;

⁴ Industrial Communication Systems, Inc. v. Public Utilities Commission (1978) 22 Cal.3d 572, 581; Northern California Power Agency v. Public Util. Com. (1971) 5 Cal. 3d 370, 377.

(4) implement a quality assurance and recordkeeping system; (5) address compliance with DOT rulings; and (6) prescribe operating parameters for contractors working on SoCalGas' side of the meter.

3. The increased training and inspection requirements requested by SoCalGas should be adopted on an interim basis as they promote public safety.

4. SoCalGas and USB have agreed to adopt the rules on an interim basis provided that SoCalGas provide USB with quarterly reports on the effect of the rules on improving public safety.

Conclusions of Law

1. SoCalGas' proposals should be adopted on an interim basis since SoCalGas has shown a need for increased training and inspection requirements for contractors working on its system.

2. USB's request that this proceeding be held open for a prehearing conference to review SoCalGas' progress should be denied. As intended by the Legislature, the Commission's goal is to resolve all proceedings, even non-SB 960 proceedings, within 18 months or less. Accordingly, this proceeding should be closed.

3. No evidentiary hearing is necessary since there are no material facts in dispute and no party has requested an evidentiary hearing.

4. The Commission has a duty to consider any anticompetitive effects of utilities' proposals.

O R D E R

IT IS ORDERED that:

1. The petition for modification of Decision (D.) 96-09-044 filed by Southern California Gas Company (SoCalGas) is granted on an interim basis until May 31, 1999 unless SoCalGas files an application prior to that date seeking to make these

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interim rules permanent in which case the interim rules will remain in effect while the Commission considers SoCalGas' application. D.96-09-044 is modified to substitute Revised Appendix B attached to this decision, in place of the Appendix B adopted with D.96-09-044.

2. SoCalGas is authorized to file revised tariff sheets reflecting the changes to its automatic earthquake gas shut-off valve installation program adopted in this decision. The revised tariff sheets are attached to this decision as Appendix A.

3. SoCalGas shall provide two quarterly reports on the implementation of its new program so that a determination can be made on whether the new program has increased public safety. The first quarterly report shall cover the three-month period through December 31, 1998, and the second quarterly report shall cover the next three months through March 31, 1999. The quarterly reports shall be submitted to the Energy Division and served on all parties no later than 60 days after each reporting period ends.

4. Also, the two quarterly reports shall include the following information concerning any installation of valves (on SoCalGas' side of the meter) done by an affiliate of SoCalGas:

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1. the number of such installations and percentage of all installations, broken down by quarter, prior to the effective date of these interim requirements, and
 2. the number of such installations and percentage of all installations, broken down by quarter, after the effective date of these interim requirements.
5. Application 96-06-049 is closed.

This order is effective today.

Dated August 6, 1998, at San Francisco, California.

RICHARD A. BILAS

President

P. GREGORY CONLON

JESSIE J. KNIGHT, JR.

HENRY M. DUQUE

JOSIAH L. NEEPER

Commissioners

Rule No. 10
SERVICE CHARGES

A. SERVICE ESTABLISHMENT CHARGE

1. General. The Utility may collect from all classes of customers, except Utility Electric Generation and wholesale customers, a charge to establish or re-establish service each time an account is opened. This charge shall be in addition to any charge calculated in accordance with any other rate or rule.

Service Establishment Charge \$25.00

2. CARE Charges. A customer certified as eligible for service under the California Alternate Rates for Energy (CARE) program shall pay the CARE Service Establishment Charge to establish or re-establish service each time an account is opened.

CARE Service Establishment Charge \$10.00

Customers not on the CARE program who claim eligibility shall have 90 days from the date service begins to complete the application. In the event a customer is found to be ineligible for the CARE program, the customer shall be re-billed at the Service Establishment Charge.

B. RECONNECTION SERVICE CHARGE

1. General. The Utility may demand and collect a reconnection charge or charges, as shown below, and require re-establishment of credit as prescribed in Rule No. 6 C. before restoring gas service which has been disconnected for non-payment of bills, or for failure to comply with the tariff schedules of the Utility. In these circumstances, reconnection charges may be demanded and collected by the Utility when gas service is provided through a single meter to a:

a. Single family dwelling unit or to a single non-residential unit \$16.00

b. Housing project, apartment house, or other multi-family dwelling units, or to more than one non-resident unit:

(1) In the first family dwelling unit or non-residential unit \$16.00

(2) For each additional unit \$7.00

2. Other. In addition to the above charges, the Utility may demand and collect unusual costs incident to the discontinuance or restoration of service which have resulted from the customer's action or negligence.

Service terminated in error shall be restored without charge and a notification thereof shall be mailed to the customer at the billing address.

(continued)

(TO BE INSERTED BY UTILITY)
ADVISE LETTER NO. EXEMPLAR
DECISION NO.

ISSUED BY
Paul J. Cardenas
VICE PRESIDENT

(TO BE INSERTED BY CAL. P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

Rule No. 10
SERVICE CHARGES

(continued)

C. SET-TIME APPOINTMENT CHARGE

Where the customer requests a non-emergency service call (i.e. new service turned on or appliance service) for a specifically designated time, the Utility shall provide, for a charge, a specifically scheduled appointment.

Such set-time appointment shall be provided on a first-come, first served basis Monday through Friday from 8:00 a.m. to 7:00 p.m. Set-time appointments shall be scheduled on the hour and half-hour and shall be scheduled for the next day or later. Set-timed appointments are not provided on week-ends and Company Holidays.

The Utility shall make every effort to arrive at the customer's premises at the agreed upon time, but no earlier than 30 minutes before the agreed upon time and no later than 30 minutes after the agreed upon time.

Where the Utility has met the agreed upon appointment time as specified above, the charge shall be as follows:

Set-time appointment charge, per visit \$25.00

D. MISSED APPOINTMENTS

The customer shall not be required to pay the \$25.00 charge if the agreed upon time is missed for any reason, such as customer being absent or late arrival of the Utility representative.

Where the Utility is responsible for the missed appointment, no charge shall be made for a subsequent appointment, if it is for the same type of service.

E. WATER HEATER WRAPPING AND/OR STRAPPING CHARGES

The Utility, for a charge, shall offer to install water heater blankets (Wrap) and anchor (Strap) residential water heaters with a capacity of 20 to 50 gallons. Charges shall be as follows:

1. Wrapping of Water Heaters Only

Where a water heater is not insulated to at least an R-6 value, the Utility may recommend that a water heater blanket be installed.

Charge for water heater wrapping, per heater \$42.00*

(continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. EXEMPLAR
DECISION NO.

ISSUED BY
Paul J. Cardenas
VICE PRESIDENT

(TO BE INSERTED BY CAL. P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

EXEMPLARY

**Rule No. 10
SERVICE CHARGES**

(continued)

E. WATER HEATER WRAPPING AND/OR STRAPPING CHARGES (continued)

2. Strapping of Water Heaters Only

The Utility will anchor (Strap) water heaters in accordance with methods approved by the California State Architect.

The Utility will not anchor (Strap) a water heater that is in an outside metal shed, more than six inches from a wall or in any location where approved methods cannot be used.

Charge for water heater strapping, per heater \$79.00

3. Combination Wrapping and Strapping

Charge to install a water heater blanket and anchor the water heater, per heater \$93.00

* When the water heater blanket can be obtained through the Demand Side Management Program, there will be no charge for the water heater blanket.

F. APPLIANCE CONNECTION CHARGE

1. **General.** The Utility, for a charge, shall connect residential free-standing gas ranges, dryers and barbecues for customers with existing accounts, provided all of the following conditions can be met:

- a. Service can be performed safely and without damaging the customers' facilities.
- b. Service can be performed without loosening fittings in the wall.
- c. The houseline need not be extended more than seventy-two (72) inches or six (6) feet, or installed through walls or cabinets.
- d. The appliance will not present a hazardous or unsatisfactory condition after connection.
- e. Taps (added outlets to existing appliance stubs) are not made from stubs currently supplying gas to other appliances.

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(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. EXEMPLAR
DECISION NO.

ISSUED BY
Paul J. Cardenas
VICE PRESIDENT

(TO BE INSERTED BY CAL. P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

Rule No. 10
SERVICE CHARGES

(continued)

F. APPLIANCE CONNECTION CHARGE (continued)

2. Charges. If the conditions referenced above are met, the charge(s) shall be as follows:

Connection of a gas range or dryer (parts not needed)	\$38.00
Connection of a gas range or dryer (includes valve)	\$43.00
Connection of a gas range or dryer (includes connector)	\$49.00
Connection of a gas range or dryer (includes connector and valve)	\$53.00
Connection of a gas barbecue (includes hose, valve, and miscellaneous fittings)	\$106.00

Charges for connection of additional appliances will be limited to parts and materials.

Where a customer is turning on new residential service, the Utility will connect the gas range, dryer and barbecue at no charge when parts are not needed. The Utility will not connect gas ranges, dryers and barbecues that would normally be installed by the builder or contractor.

G. PAYMENT FOR SERVICE CHARGES

Customers may elect to pay for the Set-timed Appointment, Water Heating Wrapping and Strapping and Appliance Connection Charge(s) at the time service is rendered or by separate billing. If billed, payment is due within 30 days.

The Utility shall advise the customer that appliance connection and water heater wrapping and strapping services are also provided by plumbers and contractors.

H. SEISMIC SERVICES CHARGES

The Seismic Services pilot program is closed to new customers as of October 1, 1996, pursuant to D. 96-09-044, dated September 4, 1996. Customers initiating service prior to October 1, 1996 will continue to be served under the terms hereunder, until their contracts expire. Customers with executed contracts that have not had work performed by October 1, 1996, may elect to take service under the terms hereunder or may take service under the Earthquake Valve Installation Service, at their option.

The Utility, for a \$50.00 charge per unit, will restore gas service to any customer in its service territory after the closure of an automatic earthquake shut-off valve. The Utility may, at its option, waive the service-restoration fee after a major earthquake.

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(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. EXEMPLAR
DECISION NO.

ISSUED BY
Paul J. Cardenas
VICE PRESIDENT

(TO BE INSERTED BY CAL P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

SOUTHERN CALIFORNIA GAS COMPANY
LOS ANGELES, CALIFORNIA

Revised
CANCELING Revised

CAL. P.U.C. SHEET NO.
CAL. P.U.C. SHEET NO. 28032-G

EXEMPLARY

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Rule No. 10
SERVICE CHARGES

(continued)

H. SEISMIC SERVICES CHARGES (continued)

1. Applicability. Effective June 15, 1995, the Utility shall offer, on a pilot basis, Seismic Services to single-family residential customers residing in selected areas of its service territory for a 24-month period. Participants in Seismic Services may select from among the following products and services:

2. Options. Where offered, single-residential customers may elect from among the following options, upon execution of a written contract prior to the Utility's representative performing the work. The general form of such contract shall be on file with the Commission.

a. Full enrollment in Seismic Services (once the conditions listed under Section 3. below are met), and entitle the customer to receive all of the following:

- (1) Installation of an automatic earthquake shut-off valve, owned by and installed on SoCalGas' side of the meter.
- (2) An individual comprehensive consumer orientation session lead by the Utility's representative.
- (3) One free gas-service restoration per year to restore service due to an earthquake valve's closure. The Utility may, at its option, extend a second free gas-service restoration to subscribers after a major earthquake.
- (4) Once a year inspection on the valve performed by the Utility's representative.
- (5) A SafeStart Kit (a service-restoration tool kit containing the basic tools needed to close and restore gas service), an instruction booklet describing how to close or restore gas service and re-light appliances, and a videotape that demonstrates these instructions.

b. The purchase of one or more of the following:

(1) The SafeStart Kit. The following charges shall apply at the time of sale:

- (a) Tool kit (plus applicable sales tax) \$20 to \$40
- (b) Service-Restoration Fee (after an earthquake valve closes) \$50

The Utility may, at its option, waive the service-restoration fee after a major earthquake.

(continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. EXEMPLAR
DECISION NO.

ISSUED BY
Paul J. Cardenas
VICE PRESIDENT

(TO BE INSERTED BY CAL. P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

Rule No. 10
SERVICE CHARGES

(continued)

H. SEISMIC SERVICES CHARGES (continued)2. Options. (continued)

(2) Sale and installation of the valve (without subscription service), if the following conditions can be met:

- (a) Service can be performed safely and without damaging the customer's facilities;
- (b) The Utility's meter or customer's gas piping can accommodate installation of an automatic earthquake shut-off valve without undue difficulty or expense on the part of the Utility; and,
- (c) The Utility's liability for personal injury and property damage caused by the failure of the valve to properly close in an earthquake is limited to a maximum of \$10,000 per valve;

then the following charges shall apply at the time of sale and installation:

On customer's gas piping (plus applicable fees and taxes) \$250 to \$450

3. Subscription Service. Customers may enroll in Seismic Services provided all of the following conditions can be met:

- a. Service can be performed safely and without damaging the customer's facilities.
- b. The Utility's meter or customer's gas piping can accommodate installation of an automatic earthquake shut-off valve without undue difficulty or expense on the part of the Utility.
- c. Enrollment in Seismic Subscription Services is less than 20,000 subscribers.
- d. The Utility's liability for personal injury and property damage caused by the failure of the valve to properly close in an earthquake is limited to a maximum of \$10,000 per valve.

If the conditions described above are met, each customer will be required to execute a written contract prior to the Utility's representative performing work. The general form of such contract shall be on file with the Commission.

(continued)

(TO BE INSERTED BY UTILITY)
ADVICE LETTER NO. EXEMPLAR
DECISION NO.ISSUED BY
Paul J. Cardenas
VICE PRESIDENT(TO BE INSERTED BY CAL. P.U.C.)
DATE FILED _____
EFFECTIVE _____
RESOLUTION NO. _____

SOUTHERN CALIFORNIA GAS COMPANY
LOS ANGELES, CALIFORNIA

Revised
CANCELING Revised

CAL. P.U.C. SHEET NO. EXEMPLAR
CAL. P.U.C. SHEET NO. 28034-G

Rule No. 10
SERVICE CHARGES

(continued)

H. SEISMIC SERVICES CHARGES (continued)

4. Charges. To install an automatic earthquake shut-off valve on the Utility's side of the meter, and subscribe to Seismic Services, the following charge(s) shall apply:

- a. One-Time Activation Fee, to be set by the Utility \$80 to \$130
- b. Service Fee per month, to be set by the Utility \$5 to \$18
(for the 24-month contract period)
- c. Service-Cancellation Fee for early customer cancellation, the lesser of the remaining Service Fee(s) shown directly above, or \$50
- d. Service-Restoration Fee when an earthquake valve closes \$50

Subscribers may receive one free service-restoration per year. Subscribers will not receive higher priority for post-earthquake gas-service restorations than non-subscribers.

5. Billing and Collections

- a. Except as otherwise provided herein, the Utility will apply its standard billing and collections practices for the Seismic Services pilot program.
- b. All bills for services rendered for the duration of the pilot program will be billed separately from regular gas services, and shall be due and payable upon presentation.
- c. The Activation Fee shall be due and payable upon installation of the valve and/or service activation. The Utility may, based upon customer preferences, include this charge on the first month's bill.
- d. Subscribers may elect one of five payment options for their Service Fee bills, due and payable at the start of the period: monthly; quarterly; semi-annually; annually; or, biennially. Payment options may be discounted, as determined by the Utility, for longer payment terms, with the highest discount provided for the greatest prepayment.
- e. The Utility may implement other or electronic payment options (e.g., automatic debit or credit cards).

(continued)

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. EXEMPLAR

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SOUTHERN CALIFORNIA GAS COMPANY
LOS ANGELES, CALIFORNIA

Revised
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CAL. P.U.C. SHEET NO.
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SERVICE CHARGES

(continued)

H. SEISMIC SERVICES CHARGES (continued)5. Billing and Collections (continued)

- f. If payment is not received within 19 days after the mailing date on the bill, any unpaid amount will be subject to a 1.5% late payment charge per month. The minimum late payment charge will be \$1.00.
- g. The Utility may remove the earthquake valve, as it deems appropriate, if the Utility determines a subscriber has an outstanding balance over 60-days past due, however, the Utility will not terminate regular gas service as a result of delinquencies in payment of Seismic Services charges. Termination of regular gas service will be governed by the provisions of Rule No. 9.
- h. The Utility may terminate subscriptions under the Seismic Services pilot program as it deems appropriate.

6. For Further Information:

- a. Customers questioning their Seismic Services Contract may call the Utility's 24-hour toll free number: (800) 427-2200.
- b. Customer inquiries about bills may be directed to (909) 394-4350 between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday on normal business days.
- c. Complaints may be referred to the Consumer Affairs Branch of the Public Utilities Commission, Room 5109, 107 South Broadway Street, Los Angeles, California, 90012.

I. EARTHQUAKE VALVE INSTALLATION SERVICE1. Applicability.

The Utility may install automatic earthquake gas shut-off valves purchased by the Utility's customers, or for third parties who sell such valves to the Utility's customers, when the customers consent to the installation. This service does not include sale by the Utility of automatic earthquake shut-off valves; the valve must be furnished by the Utility's customer or a third party. The valve must be a model approved for installation by the Office of the State Architect and the City of Los Angeles, even if the valve is being installed outside the City's boundaries. The Utility will provide this service to customers in all classes, including residential, commercial and industrial customers.

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Rule No. 10
SERVICE CHARGES

(continued)

1. EARTHQUAKE VALVE INSTALLATION SERVICE (continued)

2. Charges for Installation

- a. The installation charge for a residential, commercial, or industrial customer with an existing size 3 or smaller meter in "standard" configuration (as defined below) is \$72.50, plus other applicable charges as described below.
- b. A "standard" meter configuration is defined to be one that meets all of the following conditions: the meter is located above ground; the meter is within reasonable bracing distance of a structure; the meter set requires no extensive repiping; the meter set has a bypass "T" downstream of the meter; the valve can be installed on the Utility's side of the meter without shutting off gas service; and, if the meter set is located in an enclosure, there is room in the enclosure for the valve to be installed.
- c. If a valve is installed when a new size 3 or smaller meter is set, or an existing meter is otherwise scheduled to be replaced by a size 3 or smaller meter, with a "standard" meter configuration, the installation charge is \$45.00, plus other applicable charges described below.
- d. For installation in any other circumstances, the Utility will provide the customer with an individual estimate of the charge which the customer must approve before the Utility will perform the installation. The estimate will be based on a trip charge of \$32.50, a labor charge per quarter hour on the job of \$15.00, and the cost of materials used in performing the installation, plus other applicable charges described below.
- e. For each order placed at one time, regardless of the number of valve installations on the order, a transaction fee of \$9.00 will be charged.
- f. If there are any applicable governmental fees or taxes (including sales tax), their costs will be quoted before installation and added to the charge. If the Utility is required to obtain a permit for the installation from a local government, a fee of \$20.00 for the cost of the Utility's labor to obtain the permit will be charged.

3. Responsibility for Valve after Installation

After installation, the valve is the property of the Utility's customer. The customer can have the valve removed at any time, except where the valve is required by law to be installed. At the time of installation, the Utility may require the customer to agree to transfer the valve to a subsequent purchaser of the premises or to remove the valve before the time of sale (where removal is allowed by law).

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(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. EXEMPLAR
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Rule No. 10
SERVICE CHARGES

(continued)

I. EARTHQUAKE VALVE INSTALLATION SERVICE (continued)4. Charge for Removal of Valves

The Utility offers a valve removal service. The charge for valve removal is \$47.50 for a customer with a size 3 or smaller meter in a "standard" configuration, plus a transaction fee of \$9.00 for all valve removals ordered at one time. The removal service charge for other customers will be quoted in advance based on a trip charge, labor time, materials, and transaction fee. The customer also has the option of having the valve removed by a party other than the Utility who meets qualifications approved by the Commission (as defined below).

5. Charge for Restoring Gas Service after a Valve Activates

If a valve is activated and shuts off gas service, it is the responsibility of the customer to arrange and pay for restoration of service. The Utility offers to restore service after activation of an earthquake shut-off valve for a charge of \$50.00 for customers with size 3 or smaller meters. For larger customers with larger meters, the Utility's charge for restoration of service will be quoted in advance based on an estimate. The Utility has the option to waive charges for restoration of service after a major earthquake.

6. Payment

All charges will be due on completion of the service provided, unless other options, such as installment payments, are agreed to by The Utility and the customer. The Utility may bill for services rendered pursuant to this Section in its bill for gas service, but will not terminate gas service for failure to pay for installation service.

7. Permission for Installation of Valve(s) on Utility's Facilities

The Utility may allow parties other than itself to provide installation and removal service for automatic earthquake gas shut-off valves on the Utility's side of the meter. This permission is subject to conditions approved by the Commission and other conditions required by law, as follows:

Solely for the purpose of installing automatic earthquake shut-off valves, parties other than the Utility must meet the following criteria in order to work on the Utility's piping system:

(continued)

(TO BE INSERTED BY UTILITY)

ADVICE LETTER NO. EXEMPLAR
DECISION NO.

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Paul J. Cardenas
VICE PRESIDENT

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(END OF APPENDIX A)

A.96-06-049

SOUTHERN CALIFORNIA GAS COMPANY
LOS ANGELES, CALIFORNIA

Revised
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CAL. P.U.C. SHEET NO. 28037-G
CAL. P.U.C. SHEET NO. 28037-G

EXEMPLARY

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Rule No. 10
SERVICE CHARGES

(continued)

I. EARTHQUAKE VALVE INSTALLATION SERVICE (continued)

7. Permission for Installation of Valve(s) on Utility's Facilities (continued)

a. Hold Appropriate Contractors License

Parties working on the Utility's system must hold a valid C36 contractors license in good standing issued by the State of California, or must hold a valid A contractors license in good standing issued by the State of California and have made installations pursuant to this section prior to [date of Commission decision]. Parties holding licenses qualifying under this paragraph may employ persons not holding such licenses to perform installation work under their supervision to the extent allowed by law.

b. Insurance Requirement

Each contractor working on the Utility's system under this section must carry general liability insurance with a policy limit of not less than \$1 million per occurrence and name the Utility as an additional insured.

c. Complete Utility Training Program

The Utility will offer a training program, for a fee, of one to two days to provide third parties with a basic understanding of the Utility's meter sets, up to and including, size 3 meters on standard delivery pressure. This training will address topics such as riser identification; cathodic protection; pressure regulation; installation on multiple meter manifolds; handling and reporting incidents; use of the portable bypass device; and, refilling compressed natural gas bottles. Employees of C36 or A licensee contractors who do not themselves hold a C36 license will be required to demonstrate competence to perform a valve installation through a hands-on test at the conclusion of training. All parties performing work on the Utility's system under this section shall be required to attend at least annually a refresher training course provided by the Utility.

d. Quality Assurance and Recordkeeping

As a condition of being permitted to install on the Utility system, contractors must pay the Utility \$20 per inspection of each installation by the Utility, as follows: 100% of the contractor's installations until 50 consecutive installations are found to be of satisfactory quality, and between 50% and 25% of all subsequent installations so long as the quality of installations is found to be satisfactory. Permission to perform installations on the Utility's system may be withdrawn if a contractor's installations continue to be of unsatisfactory quality after notice to the contractor. Within 14 days of each installation, contractors must notify the Utility of the customer name, address, date of installation and type of valve installed, and pay the Utility \$5 per installation for recordkeeping by the Utility.

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(TO BE INSERTED BY UTILITY)
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Rule No. 10
SERVICE CHARGES

(continued)

I. EARTHQUAKE VALVE INSTALLATION SERVICE (continued)

7. Permission for Installation of Valve(s) on Utility's Facilities (continued)

e. Comply with United States Department of Transportation (DOT) Rulings.

Third parties working on the Utility's pipeline facilities performing safety sensitive functions must have a DOT approved drug and alcohol program in place that will meet Part 199 of the United States Code of Federal Regulations Part 49. Third parties will have to participate in existing programs or must have their own programs. In either case, the program must be audited by an independent third party, or the third party wishing to work on the Utility's pipeline facilities must provide other reasonable assurances that satisfy the Utility's reporting requirements to the DOT and the Commission.

Third parties working on the Utility's piping system will also have to conform with DOT and Commission requirements for handling and reporting incidents. Training to satisfy these requirements will be provided in the Utility's training program described above.

f. Work within the following operating parameters:

- (1) Work independently only on size 3 and smaller meter installation with standard delivery pressure (1/3 psi), except as provided below.
- (2) Install all valves downstream of the pressure regulator. Under no conditions can third parties working on the Utility's piping system work upstream of the pressure regulator.
- (3) Install valves approved by the Office of the State Architect and the City of Los Angeles as meeting their standards.

Due to the complexity of multi-stage pressure regulation and the sensitivity of large volume gas meters, unsupervised third-party access to the Utility's piping facilities will be limited to single installation being served at standard delivery pressure (1/3 psi) with meters up to and including size 3, and multiple installations being served at standard pressure (1/3 psi) with less than 12 meters on a common manifold and with no meters larger than size 3. The Utility will provide system design consultation and by-pass service, at a labor rate of \$60.00 per hour, for qualified third parties to install automatic earthquake shut-off valves on the Utility's facilities under circumstances other than those described above.

The Commission will be the arbiter of any disputes over the application or implementation of these criteria.

(TO BE INSERTED BY UTILITY)

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REVISED APPENDIX B**SoCalGas Earthquake Valve Installation Service****Criteria for Qualifying Contractors to Work on Company Facilities**

To provide customers with the lowest cost options and the widest number of vendors possible, SoCalGas proposes to allow independent contractors and their employees under their supervision to work on the SoCalGas piping system solely for the purpose of installing earthquake shut-off valves. However, to ensure that the integrity and safety of the SoCalGas piping system is maintained, contractors will have to hold specific licenses and be adequately insured, their employees must be properly trained and demonstrate the ability to perform installations properly, and all persons working on SoCalGas facilities must comply with all state and federal requirements with which SoCalGas must comply. Contractors (and their employees) will have to meet the following criteria in order to work on the SoCalGas piping system.

1. Type of Contractors License Required

In order to install valves on SoCalGas' facilities, the person performing the work must hold a valid C36 (i.e., plumbing) contractors license issued by the State of California and be in good standing, or must be working under the supervision of such a person holding such a license; except that persons holding an A (engineering) contractors license or their employees working under their supervision will be deemed to meet this requirement if the A contractor had installed valves with SoCalGas' permission before the date of the Commission decision approving this requirement.

2. Insurance Requirement

Each contractor who works or has employees working on SoCalGas' facilities must have a general liability insurance policy with policy limits of not less than \$1 million per occurrence and must have SoCalGas named as an additional insured under the policy.

3. Complete SoCalGas Training Programs

Persons installing earthquake valves on SoCalGas facilities must attend a SoCalGas training program of approximately 4 hours to provide installers with a basic understanding of SoCalGas meter sets up to and including size 3 meters on standard delivery pressure. This training will address topics such as riser identification; cathodic protection; pressure regulation; installations on multiple meter manifolds; handling and reporting incidents. Installers must pass a written test at the conclusion of the class. Employees of C36 licensed contractors that do not actually hold a C36 license must attend an additional 4 hour class and demonstrate competence to perform an installation through a hands-on test at the conclusion of the training. Installers who will be using the portable by-pass device must attend a 2 hour class on the use of the portable bypass device and refilling compressed natural gas bottles. This training will be provided at a competitive price for such courses.

Also, all persons allowed to install on SoCalGas' facilities (including persons holding C36 licenses) must attend at least annually a SoCalGas refresher training program of approximately two hours duration at a cost to attendees at a competitive price for such training.

4. Quality Assurance and Recordkeeping

As a condition of receiving permission to install on SoCalGas' facilities, contractors must agree to pay for SoCalGas to perform quality inspections on earthquake valve installations by the contractor (including by employees of the contractor) as follows: 100% of the first 50 installations by the contractor and 100% percent of installations thereafter until the 50 most recent installations by the contractor are of satisfactory quality. Once the contractor has achieved a record of having 50 consecutive installations of satisfactory quality, the level of inspection will be reduced to 50% of subsequent installations. SoCalGas may reduce the number of inspections to as low as 25% of installations if the contractor maintains a level of satisfactory quality when being inspected at the 50% rate. If quality of installations by a contractor is found to be unsatisfactory after the inspection rate has dropped to 50% or lower, the inspection percentage may be increased by SoCalGas. If the contractor continues to perform an unsatisfactory quality of work after notice from SoCalGas that work is unsatisfactory, SoCalGas may withdraw permission for that contractor to install earthquake valves on SoCalGas' facilities. The charge to the contractor for SoCalGas' inspections will be \$20 per valve inspected.

Contractors must also notify SoCalGas, by submitting documentation, of the date, type of earthquake valve installed, customer name and address for each installation on SoCalGas' side of the meter and pay SoCalGas' cost of recordkeeping of such information. The charge to the contractor for such

recordkeeping will be \$5 per valve installed. Documentation must be submitted within 14 days of the valve installation. Failure to submit the documentation within the prescribed time period will result in suspension or withdrawal of permission to install valves on SoCalGas' facilities.

5. Comply with Department of Transportation (DOT) Rulings

Contractors working on SoCalGas' side of the meter must comply with all applicable federal and state regulations (whether or not listed here). For example, Contractors working on pipeline facilities performing safety sensitive functions must have a DOT approved drug and alcohol program in place that will meet Part 199 of the Code of Federal Regulations 49. Contractors will have to participate in existing programs or must have their own programs. In either case, the program must be audited by a third party or contractors must provide other reasonable assurances that satisfy SoCalGas' reporting requirements to the DOT and CPUC.

Contractors working on the SoCalGas piping system will also have to conform with DOT and CPUC requirements for handling and reporting incidents. Training to satisfy these requirements will be provided in the SoCalGas training program described above.

6. Work within the following operating parameters

- Work independently only on meter installations that do NOT include the following features: meter installations larger than size 3, meter installations where there is more than one meter on a common manifold and any meter on the manifold is larger than size 3, meter installations where there are more than twelve meters on a common manifold, or meter installations with greater than standard delivery pressure (1/3 PSI),; except as follows: due to the complexity of multi-stage pressure regulation and the sensitivity of large volume gas meters, contractor access to SoCalGas facilities will be permitted in the circumstances otherwise prohibited above only if the contractor agrees for SoCalGas to provide system design consultation and by-pass service, at the labor rate specified in SoCalGas' tariffs for its services in earthquake valve installation.
- Install all valves downstream of the pressure regulator. Under no conditions can contractors install valves upstream of the pressure regulator.
- Install valves approved by the City of Los Angeles as meeting its standards.

(END OF ATTACHMENT)