

SOUTHERN CALIFORNIA GAS COMPANY

Risk Assessment and Mitigation Phase

2025 Report

Chapter: SCG-Risk-6

Number: SCG-R06-WP

Contractor Safety O&M Workpapers

SOUTHERN CALIFORNIA GAS COMPANY

May 15, 2025



2025 Risk Assessment & Mitigation Phase

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Risk Chapter 2OR06: SCG-RISK-6 CONTRACTOR SAFETY

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Summary of Risk Chapter: 2OR06 - SCG-Risk-6 Contractor Safety

In 2024 \$ (000s) Incurred Costs												
	Adjusted Recorded					Adjusted Forecast						
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Control/Mitigation	490	962	428	840	839	839	839	839	1,516	1,500	1,500	1,500
Alternative Mitigation	0	0	0	0	0	2,930	2,914	2,914	2,914	2,914	2,914	2,914
Units	See detailed pages for Units as the unit measure can vary for each mitigation.											

Note: Totals may include rounding differences.

Risk Chapter: **SCG-Risk-6 Contractor Safety**
Risk ID: **2OR06**

In 2024 \$ (000s) Incurred Costs

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A397	Additional External Contract	Employees	0	0	0	0	0	2,091	2,075	2,075	2,075	2,075	2,075	2,075
A398	No Expansion of Contractor	FTEs	0	0	0	0	0	839	839	839	839	839	839	839
C349	Contractor Safety Program	FTEs	490	962	428	840	839	839	839	839	1,516	1,500	1,500	1,500

Units

Mitigation		Unit Measure	Adjusted Recorded					Adjusted Forecast						
ID	Name		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
A397	Additional External Contract	Employees	0	0	0	0	0	13	13	13	13	13	13	13
A398	No Expansion of Contractor	FTEs	0	0	0	0	0	5	5	5	5	5	5	5
C349	Contractor Safety Program	FTEs	3	7	3	5	5	5	5	5	10	10	10	10

Note: Totals may include rounding differences.

Supplemental Workpapers

20R06A397 SCG-RISK-6
Contractor Safety - Additional External Contractor Safety Oversight Advisors (A)
Supplemental Workpaper

RESOURCES REQUIRED (LABOR/NON-LABOR)

SoCalGas considered hiring the proposed, incremental SoCalGas employees planned in C349 and also further expanding this oversight capability by hiring third-party resources to observe and oversee the safety performance of SoCalGas's contractors. For this option, each third party Safety Advisor will require OSHA General Construction training, which will cost \$6.67K per Safety Advisor annually.

Resource Explanation

SoCalGas intends to hire 3.0 Contractors (Safety Advisors) in 2025 to address the need to perform jobsite safety inspections/observations and incident investigations in business units other than Construction (i.e., Transmission & Storage, Gas Distribution Operations, Energy Efficiency Programs, Environmental Services and Support Services). Each Safety Advisor will require OSHA General Construction training, which will cost \$6.67K per Safety Advisor annually. One Safety Advisor Contractor = \$185K.

Calculation:

Non-labor cost for Contractor employee expenses: $3.0 \text{ FTE} \times \$185\text{k} = \555K

Non-labor cost for Contractor employee training expenses: $3.0 \text{ FTE} \times \$6.67\text{k} = \20.0k

C349 Incremental Positions:

SoCalGas intends to add 3 FTE positions (Safety Advisors) in 2028 to address the need to perform jobsite safety inspections/observations and incident investigations in business units other than Construction (i.e., Transmission & Storage, Gas Distribution Operations, Energy Efficiency Programs, Environmental Services and Support Services).

Calculation:

Labor cost for Safety Advisors: $3.0 \text{ FTE} \times 129\text{K} = \387K

Non-labor cost for employee expenses: $3.0 \text{ FTE} \times \$5\text{k} = 15\text{K}$

Non-labor cost for employee training: \$20K

SoCalGas intends to hire (1 Advisor) at 35% O&M in 2028 to provide safety support to all high-pressure projects being worked by contractors in our Storage facilities. SoCalGas will also develop a post safety evaluation or update our inspection form to be tailored for high-pressure work.

Calculation:

Labor cost for Advisors: $0.35 \text{ FTE} \times \$129 \text{ K} = \$45.15 \text{ K}$

Non-labor cost for employee training: First year: $0.35 \text{ FTE} \times \$10\text{K} = \$3.5 \text{ K}$

Non-labor cost for employee expenses: $0.35 \text{ FTE} \times \$5\text{K} = \$1.75\text{K}$

Fleet vehicle cost: $0.35 \text{ FTE} \times \$2,400.00 = \$840 \text{ K}$

SoCalGas intends to hire (1 Advisor) at 35% O&M in 2028 to provide safety support to all high-pressure projects being worked by contractors for SoCalGas Tech Service Transmission projects. SoCalGas will also develop a post safety evaluation and update our inspection form to be tailored for high-pressure work.

Calculation:

Labor cost for Advisors: $0.35 \text{ FTE} \times \$129 \text{ K} = \$45.2 \text{ K}$

Non-labor cost for employee expenses: $0.35 \text{ FTE} \times \$5\text{K} = \$1.8\text{K}$

Non-labor cost for employee training: First year: $0.35 \text{ FTE} \times \$10\text{K} = 3.5\text{K}$

Fleet vehicle cost: $0.35 \text{ FTE} \times \$2,400.00 = \$0.84 \text{ K}$

SoCalGas intends to hire (3 Advisors) at 35% O&M=1.05 FTE in 2028 to provide safety support to all high-pressure projects being worked by contractors in our High-Pressure Gas Operations. SoCalGas will also develop a post safety evaluation and update our inspection form to be tailored for high-pressure work.

Calculation:

Labor cost for Advisors: $1.1 \text{ FTE} \times \$129 \text{ K} = \135.5 K

Non-labor cost for employee expenses: $1.1 \text{ FTE} \times \$5\text{K} = 5.3\text{K}$

Non-labor cost for employee training: First year: $1.1 \text{ FTE} \times \$10\text{K} = \10.5 K

Fleet vehicle cost: $1.1 \text{ FTE} \times \$2,400.00 = \2.5k

20R06A398 SCG-RISK-6
Contractor Safety - No Expansion of Contractor Safety Oversight (A)
Supplemental Workpaper

RESOURCES REQUIRED (LABOR/NON-LABOR)
SoCalGas considered continuing with the status quo. This would mean that SoCalGas would not be engaging additional, centralized personnel to support SoCalGas' Environmental Services, Facilities, Gas Distribution, Storage and Transmission departments in their programs and projects that utilize Class 1 contractors. The incremental resources that are planned in C349 would not be hired.
Resource Explanation

Risk Chapter: **SCG-Risk-6 Contractor Safety**
Risk ID: **2OR06**

Appendix A: Forecast Methodology

Mitigation ID	Mitigation Name	Labor	Non-Labor	NSE	Units
A397	Additional External Contractor Safety Oversight Advisors	Zero-Based	Zero-Based	Zero-Based	Zero-Based
A398	No Expansion of Contractor Safety Oversight	Zero-Based	Zero-Based	Zero-Based	Zero-Based
C349	Contractor Safety Program	Base YR Rec	Base YR Rec	Base YR Rec	Base YR Rec

Risk Chapter: **SCG-Risk-6 Contractor Safety**
Risk ID: **2OR06**

Appendix B: Unit Measure

Mitigation ID	Mitigation Name	Unit Measure
A397	Additional External Contractor Safety Oversight Advisors	Employees or contractors supported
A398	No Expansion of Contractor Safety Oversight	FTEs
C349	Contractor Safety Program	FTEs