



Professional Engineers. Regulatory Experts. Trusted Partners.

Phil Baker

Executive Consultant

Executive Summary

Phil Baker has more than 37 years of natural gas utility operations experience with expertise in the areas of distribution, underground storage, transmission, and engineering. He is experienced in directing the assessment, development, planning, and execution of high priority risk mitigation projects that require focused attention due to risk factors, safety issues, public awareness, or regulatory agency requirements. He is adept at directing a wide range of complex activities including: risk assessment/management, field operations, emergency response, process re-engineering, and witness expertise in regulatory proceedings.

Accomplishments/Experience

Mr. Baker's broad range of experience includes managing safety, pipeline and well integrity, compressor and above ground facility integrity, environmental issues, and regulatory compliance functions. His expertise includes:

- Gas distribution system integrity
- Underground gas storage integrity
- Risk program development/risk mitigation plans
- Transmission pipeline engineering/integrity management
- Distribution pipeline integrity management
- Regulatory compliance and responses
- Regulatory assessments, and technical due diligence

As Director of Gas Distribution Operations for the nation's largest natural gas utility company, Mr. Baker directed a large geographically disbursed organization totaling 600 company and contract personnel operating in 22 work locations throughout southern California. Responsibilities included safety, regulatory compliance, pipeline integrity, budgets, network planning, new business, construction, emergency response, maintenance, engineering, and environmental functions associated with natural gas distribution energy delivery operations. Financial responsibilities included an annual O&M budget exceeding \$40 million and a capital budget of \$40 million.

Mr. Baker's gas distribution experience also included leading an organization focused on developing and implementing major gas distribution risk mitigation projects for two utilities in the southern California service territory. Some of the larger programs include the Sewer Lateral Cross-bore Program, the Distribution Riser Inspection Program, and the Gas Infrastructure Protection Program.



Professional Engineers. Regulatory Experts. Trusted Partners.

As Director of Underground Storage, Mr. Baker directed all aspects of above ground and underground operations at four gas storage fields totaling 138 BCF of working gas inventory using 81,000 bhp of compression. His accomplishments include:

- Established the Storage Integrity Management Program (SIMP) and secured \$120 million of funding over a three year General Rate Case (GRC) cycle from a state Utilities Commission. This program focused on well integrity using risk management techniques and advanced down-hole inspection activities.
- Performed on-site leadership functions during the Aliso Canyon SS-25 well leak incident. Supported the leak mitigation effort in evolving capacities including situational assessments, response team assembly, contractor on-boarding logistics support, regulatory agency interfaces, and police/fire department liaison activities. Post relief well activities involved regulatory agency data request responses and audits, new facility construction support, field compliance with Emergency Orders and governmental legislation, new regulation assessments, well inspection coordination, preparation of new Gas Standards, and regular agency reporting.

Education

Bachelor of Science Degree in Civil Engineering – California State University at Los Angeles, California