Long International provides expert engineering and construction claims analysis and expert testimony, project management consulting, and insurance claims analysis services to the engineering and construction industry worldwide. Our staff of over 60 professionals has extensive U.S. and international experience on large, complex projects incorporating conventional-phased, fast-track, or EPC turnkey concepts. Long International's consultants include chemical, mining, civil, mechanical, and electrical engineers, and program, project, and construction management professionals. Our experts have earned advanced degrees, professional engineering licenses, and project management professional certifications.

Our senior personnel have on average over 35 years of experience working for major oil and chemical companies, manufacturing companies, power generation companies, public owners, international engineering and construction companies, mechanical and electrical contractors, construction consulting firms, banks, insurance companies, and financial institutions. Our experts have managed, designed, and built projects, and managed the cost and schedule control functions of projects. We have analyzed claims involving disputed change orders, schedule delay, acceleration, time extensions, liquidated damages, loss of productivity, defective specifications, procurement problems, deficient project management performance, property damage, advance loss of profits, delayed startup, and business interruption damages. We assign senior-level consultants with extensive engineering and construction experience to perform these analyses and testify in mediation, arbitration, litigation, or other ADR forums.

Please visit our website at www.long-intl.com for a complete listing of our personnel.

Founder & Chief Executive Officer

Mr. Long has over 40 years of U.S. and international experience involving construction contract disputes analysis and resolution, arbitration/litigation support and expert testimony, project management, engineering/construction management, cost and schedule control, and process engineering. As an internationally recognized expert in the analysis and resolution of complex construction disputes for over 35 years, Mr. Long has served as the lead expert on over 300 projects having claims ranging in size from US $100,000 to over US $2 billion and has testified in deposition, mediation, and international arbitration. His project experience includes refineries, petrochemical and chemical plants, offshore oil & gas facilities, power plants, oil sands and oil shale facilities, and commercial and industrial buildings. Mr. Long has presented and published numerous articles on the subjects of claims analysis, entitlement issues, CPM schedule and damages analyses, cumulative impact claims, and claims prevention.

Before forming Long International, Mr. Long was Senior Vice President, Contract Administration for a major electrical and mechanical contractor. In this role, he had corporate-wide responsibility for technical management and oversight of the preparation and resolution of construction claims. In addition, he was responsible for the development, training, and implementation of project management policies and procedures to ensure that profit, cost, schedule, scope, quality, and safety objectives were achieved. Mr. Long also managed for thirteen years the construction claims practices of two large construction claims consulting firms. Prior to his consulting career, Mr. Long gained thirteen years of project management and process engineering experience on petroleum refining, petrochemical, oil shale, synfuels, mining, and power generation projects with Tosco, Fluor, and Conoco.

EDUCATION
M.S., Chemical and Petroleum Refining Engineering, Colorado School of Mines, 1974
B.S., Chemical Engineering, University of Pittsburgh, 1970

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Colorado (No.25050)
Licensed Professional Engineer, Newfoundland and Labrador (No. 09209) and Ontario (No. 100524699)

PROFESSIONAL AFFILIATIONS
AACE International
American Institute of Chemical Engineers
Project Management Institute
Society of Construction Law

Andrew Avalon, P.E., PSP
Chairman

Mr. Avalon has over 35 years of engineering, construction management and claims consulting experience. He is an expert in the preparation and evaluation of construction claims, insurance claims, schedule delay analysis, arbitration/litigation support, and dispute resolution. He has prepared more than thirty CPM schedule delay analyses and testified in deposition, mediation, and arbitration.

In addition, Mr. Avalon has published numerous articles on the subjects of CPM schedule delay analysis and entitlement issues affecting construction claims and is a contributor to AACE® International’s Recommended Practice No. 29R-03 for Forensic Schedule Analysis.

Mr. Avalon is a registered Professional Engineer with U.S. and international experience in petrochemical, oil refining, oil sands, gas-to-liquids, LNG, commercial, educational, medical, correctional facility, transportation, dam, wharf, wastewater treatment, hydroelectric, coal, and nuclear power projects.

Mr. Avalon provides CPM scheduling, claims management, and dispute resolution services to the construction industry. He specializes in preparing detailed schedule analyses and apportioning responsibility for delays, disruption, and acceleration impacts. He is skilled at contract analysis, claims preparation, claims defense, and the negotiation of settlements. Mr. Avalon has served as a Project Manager on numerous claims ranging in size from US$100,000 to over US$1 billion. Before joining Long International, Mr. Avalon held construction management positions including Senior Scheduler, Contract Administrator, Project Manager, and Senior Consultant. In these roles, he had responsibility for preparation of project schedules, analysis of change orders, and resolution of construction claims.

EDUCATION
B.S., Mechanical Engineering, Stanford University, 1984
B.A., English, Stanford University, 1984

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Florida (No. 55137)
Registered Professional Engineer, Colorado (No. 25802)
Planning & Scheduling Professional (PSP-00193)

PROFESSIONAL AFFILIATIONS
AACE International
Florida Engineering Society
National Society of Professional Engineers
Project Management Institute

www.long-intl.com
Mr. Carter has over 20 years of experience in construction project controls, contract disputes and resolution, mediation/arbitration support, and litigation support for expert testimony. He has experience in entitlement, schedule, and damages analyses on over thirty construction disputes ranging in value from US$100,000 to US$7 billion, related to oil & gas, heavy civil, nuclear, environmental, chemical, power, industrial, commercial, and residential construction projects.

Mr. Carter has experience in document discovery and the development of internet-based document repository databases. He is proficient in the use of Primavera Project Planner software, and has extensive experience in performing retrospective CPM delay time extension, and acceleration analyses and assessing the schedule impact of RFIs, change orders, and other events to engineering and construction works. Mr. Carter specializes in loss of productivity, cumulative impact, and quantum calculations, and has had a lead role in assessing damages on more than a dozen major disputes.

In addition, Mr. Carter has developed cost and schedule risk analysis models using Monte Carlo simulations to address the uncertainty of estimates and claims. He has testified in two arbitrations as an expert in construction scheduling and damages, and has presented expert findings to an international arbitral tribunal.

EDUCATION
B.S., Civil Engineering, University of Colorado at Boulder, 1996, with honors, emphasis in Structural Engineering and Construction Management

PROFESSIONAL REGISTRATIONS
Certified Cost Professional (No. 29897)
Planning & Scheduling Professional (No. 19809)

PROFESSIONAL AFFILIATIONS
AACE International
American Society of Civil Engineers

Steven J. Bieniewicz
Senior Principal
Mr. Bieniewicz has over 40 years of experience in engineering, project management, project planning and scheduling, cost engineering, construction claims/ dispute resolution, project performance audits, and corporate management. He has over 25 years of construction claims and contract dispute resolution experience including issue entitlement evaluation; schedule delay; time extension, and acceleration analysis; damages analysis; attorney support; and expert witness testimony on a large number of complex construction projects.

Mr. Bieniewicz is recognized as an expert in the development of schedule delay and cost overrun analyses for construction projects, including offshore oil & gas, LNG, oil refinery, power plant, hospital, commercial building, highway, rail, carpet, and wastewater treatment plant projects. He has worked on over 100 claims ranging in size from US$50,000 to over US$2 billion.

Before joining Long International, Mr. Bieniewicz had been a Principal in four consulting companies that focused on construction claims and project management.

Prior to entering the consulting field, Mr. Bieniewicz had direct experience on a number of construction projects including nuclear and fossil power plants, wastewater treatment plants, hospitals, and commercial buildings. As a Senior Project Manager for a contractor, he had complete management responsibility for several projects including hospitals and commercial buildings.

As a Planning and Scheduling Engineer, he developed and maintained project schedules on a wide variety of projects.

EDUCATION
B.S., Electrical Engineering, Northeastern University, 1974
M.B.A., Finance, Virginia Commonwealth University, 1978

PROFESSIONAL AFFILIATIONS
American Bar Association, Associate
American Council of Engineering Companies, Associate

Harold E. Buddemeeyer, Jr.
Senior Principal
Mr. Buddemeeyer has over 46 years of experience in design, construction, project management, project planning and scheduling, cost engineering, construction claims/ dispute resolution, project performance audits, and corporate management. He has over 25 years of construction claims and construction dispute resolution experience including issue entitlement evaluation; schedule delay; time extension, and acceleration analysis; damages analysis; attorney support; and expert witness testimony on a large number of complex construction projects.

He has utilized these and other Primavera scheduling systems to proactively develop and update project schedules and/or to retrospectively analyze the impact of various events to a project schedule, including evaluations of entitlement to time extensions, acceleration costs, liquidated damages, and delay-related costs. He has tailored these and other scheduling tools on major construction projects in the U.S., Lower 48 and Alaska as well as internationally.

Mr. Lane has significant background in the application of the Primavera scheduling systems to proactively develop and update project schedules and/or to retrospectively analyze the impact of various events to a project schedule, including evaluations of entitlement to time extensions, acceleration costs, liquidated damages, and delay-related costs. He has utilized these and other scheduling tools on major construction projects in the U.S., Lower 48 and Alaska as well as internationally.

Robert J. Lane
Senior Principal
Mr. Lane has over 40 years of experience working in or consulting for the engineering and construction industry. More than half of this time has been involved in the resolution of construction-related claims and disputes. He has expertise in project-related estimating, cost control and scheduling, retrospective schedule analysis, productivity analyses, and quantum/damages analyses. Mr. Lane has also worked in the areas of contract administration, claims management, and overall project and construction management.

Mr. Lane has significant background in the application of the Primavera scheduling systems to proactively develop and update project schedules and/or to retrospectively analyze the impact of various events to a project schedule, including evaluations of entitlement to time extensions, acceleration costs, liquidated damages, and delay-related costs. He has utilized these and other scheduling tools on major construction projects in the U.S., Lower 48 and Alaska as well as internationally.

Mr. Lane's construction claims and property damage and business interruption experience includes refineries, petrochemical plants, offshore oil & gas facilities, pipe-lines, power plants, transport projects, compressor and pumping stations, loading/off-loading and storage facilities, oil sands operations and synthetic crude oil processing facilities, and commercial and industrial buildings.

EDUCATION
M.B.A., Business Management and Administration, Pepperdine University, 1983
B.S., Construction Management/Engineering, Purdue University, 1973
A.S., Architectural Engineering, Purdue University, 1971

PROFESSIONAL AFFILIATIONS
AACE International
American Society of Civil Engineers

Curritus W. Foster
Senior Principal
Mr. Foster has over 35 years of experience in design, construction, project management, project planning and scheduling, cost engineering, construction claims/ dispute resolution on process/industrial, power, environmental, commercial, and transportation projects. He is skilled in the areas of contract management, cost management, estimating, scheduling, earned value performance measurement, and field engineering. He has had a significant role in the development of integrated project management procedures for various firms involved in the design and construction of facilities. His claim-related efforts include analyses of cost (estimated, bid, and actual), schedule (delay and acceleration), and disruption (labor inefficiency and productivity) for over 100 projects in the U.S. and internationally, including refining, power, oil sands, and LNG projects.

Mr. Foster has significant experience in management, design, and field engineering on marine oil and gas projects, including offshore platforms for oil collection, separation, storage, and pumping, pipelines, and receiving/export facilities. His experience with power projects includes gas-fired combined-cycle cogeneration facilities, waste-burning facilities, and other facilities burning various fuels. Mr. Foster also has hands-on project management experience on commercial projects, including hospitals and mid-rise condominiums. His duties on these projects included contract administration (including change order management, schedule review, and estimating), and field inspection.

Mr. Foster has broad experience in project management, project control (estimating, scheduling, and cost engineering), and engineering (field and project) in various industries.

EDUCATION
Professional degree program, major in Applied Mathematics and Computer Sciences, minor in Chemical and Petroleum Refining Engineering, Colorado School of Mines (1965-1970)

PROFESSIONAL AFFILIATIONS
AACE International
American Society of Civil Engineers

S. Andrew McIntosh
Senior Principal
Mr. McIntosh has over 40 years of experience in engineering, construction, onshore and offshore oil & gas operations and management consulting experience. He has extensive international greenfield and brownfield project development and execution experience in diverse areas such as refinery, petrochemical, offshore oil & gas, LNG, oil & gas pipelines, and ferrous metallics projects ranging from US$20 million to US$1.8 billion.

Before joining Long International, Mr. McIntosh served as President of The Natural Gas Company of Trinidad and Tobago. He also served as a Senior Vice President – Operations, and Vice President – Technical Services for several international energy companies.

As President of The Natural Gas Company of Trinidad and Tobago, Mr. McIntosh inspired the leadership of the most profitable state company in Trinidad and Tobago, which had revenues of US$ 3.0 billion, 850 employees, 4.4 Bcfd natural gas transmission capacity, and 1000 km of pipeline infrastructure, including the Western Hemisphere’s largest (56 inch dia.) natural gas pipeline. He initiated major transformational changes to organizational structure, completed a new Strategic Plan for the 2011-2019 period, conducted negotiations of all major upstream and downstream gas contracts and new Projects, and was a Member of the Board of Directors of the Petroleum Company of Trinidad and Tobago.

Mr. McIntosh has extensive experience in the development of Project Management and Project Execution Plans and Procedures, Stage-Gate processes for Project Development, and the analysis and resolution of engineering and construction claims involving disputed change orders, schedule delay, and loss of productivity claims.

EDUCATION
B.S. (Honors) Mechanical Engineering – University of West Indies, 1971
Certificate in Petroleum Engineering – Oil & Gas Consultants Institute, 1993
W. Tom Thweatt, Jr.
Senior Principal

Mr. Thweatt has over 40 years of engineering, construction, and management consulting experience in major U.S. and international refining, chemical, petrochemical, offshore oil & gas development, pipeline, infrastructure and thermal/hydroelectric power generation projects ranging from US$40 million to US$1.8 billion. He has worked extensively in projects that were executed by multi-national joint ventures on both the owner's and the contractor's sides. Mr. Thweatt has participated directly in claims negotiations and settlement agreements in excess of US$100 million, evaluated claims involving disputed change orders, defective engineering and construction, project management, performance, delay and disruption, and testified in international arbitration.

Before joining Long International, Mr. Thweatt served as Vice President and Director of Engineering for Techni-S.A., a major EPC contractor based in Buenos Aires, Argentina. Before relocating to South America, Mr. Thweatt served as Senior Vice President, Worldwide Operations, for the Parsons Energy and Chemicals Group Inc. He had profit and loss responsibility for engineering, procurement, construction, estimating and project controls for all proposals and projects. Mr. Thweatt has held senior management and engineering positions with Badger B.V., ABN Lummus Global, and M.W. Kellogg.

EDUCATION
B.S., Mechanical Engineering, University of Texas at Austin, 1971
Duke University Executive Advanced Management Program Multiple short courses on technical and administrative management topics

PROFESSIONAL REGISTRATIONS
Registered Professional Engineer, Texas (No. 39307, inactive)

PROFESSIONAL AFFILIATIONS
American Society of Mechanical Engineers
National Society of Professional Engineers

Dr. W. Tom Thweatt
W. Tom Thweatt, Jr.
Senior Principal

Michael Harris
Principal

Mr. Harris has over 30 years of experience in the areas of construction claims, project control, project management, construction management, and engineering design services. He has extensive background in engineering, construction, project management, start-up, and commissioning of industrial and utility steam and power cogen-

system experts. Mr. Reeves has experience with construction contract and change order dispute evaluation and resolution, cost and schedule control, and arbitration/litigation support and expert witness report and testimony. His project experience includes steam and power generation projects firing conventional fossil fuels, biomass, and waste fuels utilizing conventional and emerging technologies including Low NOx and Ultra Low NOx burners, pulverized coal systems, stokers, bubbling fluidized beds, circulating fluidized beds, and several first-of-a-kind new technologies. Mr. Reeves also has experience with fired and waste heat recovery steam generators operating from low pressure to supercritical and steam temperatures up to 1000°F; combustion turbine generators, steam turbine generators, natural gas and oil fired engine generators, material handling systems, water treatment systems and instrumentation and controls. Mr. Reeves has provided expert testimony in court and has presented and published numerous articles on the subjects of the design, engineering, procurement, construction, and operation of steam and power systems.
Mr. Rider has over 25 years of project management and dispute resolution experience involving over 85 projects in the U.S. and internationally. Mr. Rider's experience includes developing and monitoring CPM schedules; preparing recovery schedules; analyzing delay, time extension, and acceleration claims; project cost control; project estimating; analysis of project billings and payments; change order pricing and resolution; contract administration; project close-out, and dispute resolution.

Mr. Rider is highly skilled in cost and labor hour variance modeling, impact identification and analysis, retrospective CPM schedule delay preparation and evaluation, concurrent delay assessments, project acceleration analysis, productivity loss analysis, damages verification and quantification. He is proficient in the use of Primavera scheduling software (P3 and P6), Microsoft Project, Sifram Project, Claim乙方 and Summaten Blaze software packages. He has performed retrospective CPM schedule delay analyses (As-Planned Impacted, As-Built But-For, Windows, and Time-Impact methodologies), delay quantification, and responsibility assessment.

Mr. Rider's experience includes petrochemical plants, oil refineries, offshore oil & gas facilities, power plants, commercial buildings, highways and transit projects, hospitals, and airport projects ranging in size from US$50,000 to US$2 billion.

EDUCATION
M.B.A., University of Colorado, 1995
B.S., Construction Management, Colorado State University, 1987

PROFESSIONAL AFFILIATIONS
American Institute of Constructors
Associated Builders and Contractors
Associated General Contractors
Colorado Contractors Association
Honorary Construction Society

Ronald J. Rider, MBA
Principal

Michael J. Vallez, P.E., M.A., Lean Six Sigma
Senior Executive Consultant

Douglas A. Bassett, P.Eng, PMP, FCPA
Senior Executive Consultant

James M. Bolin
Senior Executive Consultant

John E. Cheek, CPE
Senior Executive Consultant

Lance C. Clarke
Senior Executive Consultant

Mr. Rider has over 25 years of experience in managing and leading multi-billion-dollar mega projects in the hydroelectric, oil and gas, and offshore oil and gas industries. He is skilled in procurement and logistical operations including risk analysis, negotiations, contract relationship management, dispute resolution, project finance, insurance, project execution strategy, and organizational development. Prior to joining Long International, he served as Deputy Project Director for Nalcor Energy where he managed the CAD$10 billion Lower Churchill Project, a major hydroelectric development located in Labrador, Canada.

Mr. Clarke has over 24 years of experience in managing and leading multi-billion-dollar mega projects in the hydroelectric, oil and gas, and offshore oil and gas industries. He is skilled in procurement and logistical operations including risk analysis, negotiations, contract relationship management, dispute resolution, project finance, insurance, project execution strategy, and organizational development. Prior to joining Long International, he served as Deputy Project Director for Nalcor Energy where he managed the CAD$10 billion Lower Churchill Project, a major hydroelectric development located in Labrador, Canada.
Jeremy M. Connell  
Senior Executive Consultant  
Mr. Connell has over 35 years of business, project management, operations, alliance, and management experience in all aspects of international and domestic capital projects and programs. His project management experience includes brownfield and greenfield project assignments ranging from multiple small programs to large scale projects worth over US$10 billion. He has managed all stages of project execution from conceptual, Pre-FEED, FEED studies through the various stage-gate approval processes, early and detailed engineering, construction, commissioning and startup and project handover phases. Mr. Connell’s credentials are built on his diverse expertise, providing an international perspective, and impeccable professional training by top-tier management and engineering companies such as Fluor, Jacobs, Shell, Sasol, Anglo American Corporation, and Sunoco.

Mr. Connell’s industry experience includes mining, metallurgical/materials handling, chemicals, synfuels, refining, food and beverage, packaging, utilities, and infrastructure projects.

Mr. Connell is also an expert on all aspects of project, engineering and construction management, estimating, planning, control and schedule control, risk management, material supply chain (procurement) and contracts, health, safety, environmental, community, project audits, project financing and permitting, and business services.

EDUCATION  

PROFESSIONAL REGISTRATIONS  
Registered Professional Engineer, Engineering Council of South Africa (Reg No. 20180466)

CERTIFICATIONS  
OSHA Safety Training (40 hours), 2014  
Compliance and Ethical Leadership, SAI Global (Fluor University), 2008-2017  
Courses at Jacobs College:  
Business Leadership: 2007,  
Construction Management: 2006;  
Project Managers: 2000; and  
Management Leadership, 2000

Controlling Construction Costs, CTL Associates, 2001  

David E. Drips  
Senior Executive Consultant  
Mr. Drips has over 40 years of experience in the mining and contracting industry as a miner, supervisor, engineer, project manager, general manager, president, and owner. Mr. Drips’ mine engineering, construction, and operating experience includes open pit, room and pillar (gassy and non-gassy), longhole stopping, cut and fill, shrinkage, undercut and fill, overhand open stoping, cut and fill resting, and all phases of mine development which includes shafts, raises, track drifts, laterals, sloped developments and drop raises. His plant operating experience includes raw material materialization at cement plants, typical aggregate separation, hydrocyclone plants with refineries, hydrocyclonurgical plants with solvent extraction/crude distillation, differential flotation flowsheets containing plants (one, two, and three products), and the operation of roasters for processing refractory ores. He has extensive experience in managing the turnaround of under-performing projects and distressed assets by utilizing in-house personnel for planning, design, and construction. He has successfully dealt with labor unions in the United States, Mexico, Honduras, and Venezuela. His engineering experience includes underground and surface mine design, process plant design, process circuit development, facility power design and tailing impoundment design.

EDUCATION  
B.S., Mining Engineering, Colorado School of Mines, 1980  
Languages: English and Spanish  

PROFESSIONAL REGISTRATIONS  
Society for Mining Metallurgy & Exploration  
The Mining and Metallurgical Society of America, Qualified Professional—Mining  
General Mine Director certification from GGTN (Russian Federal Mining Organization)

Previously held General Engineering licenses in California, New Mexico, Arizona, Nevada and Utah  

Peter F. Franco, P.E.  
Senior Executive Consultant  
Mr. Franco has over 40 years of experience on large international projects ranging in size from US $100,000 to over US $1 billion. He is a heavy civil engineering and construction professional recognized for his expertise in project management and corporate strategy. He performs standard of care analyses, constructability reviews, contract issue resolution, claims management, dispute resolution, corporate strategy development, and business process improvement services.

Mr. Franco has provided claims management on behalf of a government agency contractor, in which he developed and presented multiple ($10M+) claims for compensation and compensable time extensions. His efforts positioned the client for favorable monetary settlements by presenting articulate and compelling arguments that forced the owner to negotiate, rather than continue its practice of summarily rejecting claims.

EDUCATION  
M.S., Civil Engineering, Columbia University School of Engineering and Applied Science, New York, 1977  
B.S., Civil Engineering, Columbia University School of Engineering and Applied Science, New York, 1976  

PROFESSIONAL REGISTRATIONS  
Registered Professional Engineer, New York (No. 058678)  
Registered Professional Engineer, New Jersey (No. 28513)  

PROFESSIONAL AFFILIATIONS  
AACE International  
American Society of Civil Engineers  
American Concrete Institute  
Deep Foundations Institute  

Michael T. Gunter, P.E., EVP  
Senior Executive Consultant  
Mr. Gunter has more than 31 years of experience in the U.S. petroleum refining, midstream, and power industries. He has held positions in executive leadership, project management, engineering and maintenance management, and mechanical engineering. His capital project experience includes major projects in petroleum refineries, midstream facilities, pipelines, and small projects in power generation facilities. Through his professional experiences, Mr. Gunter has developed a broad and in-depth knowledge and expertise of all stages of project development and execution including the management of procurement, construction, contingency analysis, project controls, and turnover for commissioning.

Before joining Long International, Mr. Gunter was a Vice President, Project Director, Engineering Director, Maintenance Director, Senior Project Manager, and Mechanical Engineer for two large domestic owner/operators in the petroleum refining and midstream business sectors. Early in his career, he was a Mechanical Engineer for a power generation operator and employed in a large coal-fired facility. Mr. Gunter relies on his experience in the management of Engineering, Procurement, and Construction projects to perform financial analysis, delay analysis, causation and damages analysis, evaluate project management standard of care, and to prepare expert reports.

EDUCATION  
B.S., Mechanical Engineering, Texas Tech University, 1986  

PROFESSIONAL REGISTRATIONS  
Registered Professional Engineer, Texas (No. 72955)  
Earned Value Professional, AACE International (No. 00843)  

PROFESSIONAL AFFILIATIONS  
AACE International

Eric J. Klein, Ph.D., P.E., PMP  
Senior Executive Consultant  
Dr. Klein has 18 years of industrial experience as a technical leader and project manager in engineering, procurement, and construction (EPC), manufacturing, and research and development (R&D) environments.

Dr. Klein is skilled in corporate leadership and has significant experience leading cross-functional teams to design, build, test, and start-up chemical processing systems in the power generation and semiconductor manufacturing industries. Dr. Klein possesses project management experience for multiple million-dollar capital projects including earned value management, risk management, contracting, cost control, risk management, engineering, procurement, construction, and commissioning.

Before joining Long International, Dr. Klein held the positions of Chief Technology Officer, Vice President of Chemical Systems, Director of Chemical and Process Engineering, Staff Technologist and Senior Process Engineer.

EDUCATION  
Ph.D., Chemical Engineering, University of Colorado, 2000  
M.E., Chemical Engineering, Stevens Institute of Technology, 1997  
B.E., Chemical Engineering, Stevens Institute of Technology, 1995  

PROFESSIONAL REGISTRATIONS  
Registered Professional Engineer, Colorado (No. 52404)  
Project Management Professional (No. 2164131)  

PROFESSIONAL AFFILIATIONS  
American Institute of Chemical Engineers  
International Society of Automation  

Steven W. Laskey, P.E.  
Senior Executive Consultant  
Mr. Laskey has over 38 years of experience in the U.S. and Australia. He has served as lead technical expert on more than 10 arbitration/litigation matters related to the duty of the engineer and design professional, construction contractor standard of care, construction claims, and equipment failures in oil & gas. His project experience includes refineries, oil & gas facilities, natural gas processing and conditioning plants, chemical plants, coal seam gas gathering and facilities, and commercial and residential buildings. He has testified in federal and state district courts.

Before joining Long International, Mr. Laskey was a Process Engineer, Field Construction Engineer, Project Engineer, and Project Manager for both a large engineering & construction engineering firm and a major international engineering and construction company. As a Project Manager, he was responsible for all aspects of facility estimating, preparation and control of budgets and schedules, engineering, design, procurement, and construction. He has managed projects in the United States and Australia, where he resided in Brisbane, Queensland. Early in his career, he was an Operations Engineer and Measurement Engineer for the upstream subsidiary of a major U.S. oil company. Mr. Laskey relies on his experience in operations and the management of Engineering, Procurement, and Construction projects to perform financial analysis, delay analysis, causation and damages analysis, write expert reports, and testify for parties in litigation.

EDUCATION  
B.S., Chemical Engineering, Texas A&M University, 1977  

PROFESSIONAL REGISTRATIONS  
Registered Professional Engineer, Texas (No. 53346)  

PROFESSIONAL AFFILIATIONS  
Gas Processors Association, Rocky Mountain Chapter
Joy E. Pechet, PMP
Senior Executive Consultant

Joy Pellegrino has over 35 years of experience in all aspects of engineering, project management, project planning and execution, and project management consulting for onshore and offshore oil and gas projects.

Mr. McNabb has over 30 years of experience related to the design and build of industrial and chemical manufacturing facility projects, projects to execute complex cross-functional corporate initiatives, and projects to navigate and execute acquisitions/divestitures and subsequent transactions. He has expertise in manufacturing projects including all phases of engineering, project planning, functional coordination, procurement, and construction. Mr. McNabb is also proficient with industrial control systems, automation, and integration of plant floor to business systems. He has performed owner due diligence evaluations of acquisition targets, corporate level due diligence for due diligence, automation modernization, and forensic analysis of contractor performance. Moreover, he is experienced with the selection of appropriate contracting strategies, construction development (project, engineering, procure, construction, transition services, continued services), contract administration, claim analysis, risk prioritization, constructability, turnover and commissioning. Facets of this work include contract analysis, control estimates, unit price/lump sum estimates, cost variance analysis, rigorous change order management, overhead and indirect cost analysis, and the evaluation of bid error claims.

Mr. McNabb has lived and worked in five countries on four continents and was personally involved in the planning, execution, contract negotiation, and project resolution of projects. He has been involved with projects ranging in size from small plant-support improvements to world-scale international facilities, both wholly-owned and joint venture. In addition, he has expertise negotiating settlements of cost, damages, and schedule claims as part of day-to-day project management, close-out projects, and as part of arbitrations.

EDUCATION

B.S., Electrical Engineering, University of Technology, 1977

PROFESSIONAL REGISTRATIONS

Project Management Professional (active)

Certified Mediator in Negotiation/Conflict Resolution (1999)

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer (inactive)

Certified Mediator in Negotiation/Conflict Resolution (1999)

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer, Texas (No. 81-1606)

Project Management Professional (No. 4589)
Charles P. Fournier, J.D., CCA
Managing Director
Mr. Fournier has over 15 years of experience with U.S. and international engineering and construction management and dispute resolution consulting, including construction contract disputes, analysis, claims preparation, arbitration/litigation support, expert testimony, schedule control, commercial negotiation, risk assessment, and construction audit. He is a bilingual French-English construction advisory professional with extensive experience leading teams that solve client problems involving dispute resolution, claims negotiation, and performance audits. Mr. Fournier focuses his practice on owners, engineering firms, and contractors in the petroleum refining, petrochemical, oil and gas, power cogeneration, metal processing, industrial, building, and infrastructure market sectors worldwide.

As a recognized expert in the prevention, analysis, mitigation, and resolution of complex construction disputes, Mr. Fournier has provided expert testimony, submitted expert reports, and prepared forensic scheduling analysis in resolution of claims arising from 40 construction projects, ranging from a $175 million power plant upgrade at JFK International Airport in New York to a $7 billion sour gas field development project in China. His project experience includes refineries, petrochemical plants, offshore oil & gas facilities, mine processing and export facilities, power and cogeneration plants, weapons systems, transportation, and industrial buildings. He has testified in international arbitration.

EDUCATION
M.S., Engineering, Material Science, Ecoles Speciale Militaire de Saint-Cyr, France, 1994
B.S., Mathematics and Physics, Classes Preparatoires aux Grandes Ecoles d’ingenieur, Saint-Cyr L’Ecole, France, 1991

PROFESSIONAL REGISTRATIONS
Certified Construction Auditor – National Association of Construction Auditors, License No. A13036
Planning & Scheduling Professional – AACE International, License No. 689-10 (2011-2014)

Dr. Fournier is a Cost & Schedule Risk Analysis Partner affiliated with Long International. He is a Principal with Hulett & Associates, LLC (H&A), and has focused for the last 25 years on quantitative schedule risk analysis, integrated cost-schedule risk analysis, and project scheduling best practices. H&A clients are in oil and gas, aerospace, construction, pharmaceuticals, and transportation. They are located in the U.S., Canada, South America, Southeast Asia, Europe, and the Middle East. H&A has pioneered the Risk Drivers approach to schedule risk and integrated cost and schedule risk analysis including specifying the requirements for Monte Carlo software to serve the needs of high-end risk analysis customers.

As a recognized expert in the prevention, analysis, mitigation, and resolution of complex construction disputes, Mr. Fournier has provided expert testimony, submitted expert reports, and prepared forensic scheduling analysis in resolution of claims arising from 40 construction projects, ranging from a $175 million power plant upgrade at JFK International Airport in New York to a $7 billion sour gas field development project in China. His project experience includes refineries, petrochemical plants, offshore oil & gas facilities, mine processing and export facilities, power and cogeneration plants, weapons systems, transportation, and industrial buildings. He has testified in international arbitration.

EDUCATION
M.S., Engineering, Material Science, Ecoles Speciale Militaire de Saint-Cyr, France, 1994
B.S., Mathematics and Physics, Classes Preparatoires aux Grandes Ecoles d’ingenieur, Saint-Cyr L’Ecole, France, 1991

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