



HAROLD E. BUDDEMEYER



Harold E. Buddemeyer, a Senior Principal for Long International, has over 40 years of experience in all aspects of program and construction project management and construction disputes. His experience includes construction and property damage/business interruption claims analysis, preparation, defense, and negotiation of settlements on projects including refineries, offshore oil & gas, petrochemical plants, heavy civil and mining projects, tar sands facilities, nuclear, coal and gas-fired power plants, and building projects. Mr. Buddemeyer's project experience includes project cost/schedule control, systems and procedures development and implementation, program planning, as well as capital and operating cost estimating and economic analysis during the design, construction, and start-up phases of a diverse cross section of projects. Mr. Buddemeyer has nearly 30 years of construction contract disputes consulting experience. In this

regard, he has been responsible for entitlement and issue analysis; change order analysis; labor productivity analysis; cost and damages analysis; schedule delay and impact analysis; claim report preparation and rebuttal; negotiation and mediation assistance; the organization, development and maintenance of document databases; assistance to counsel during discovery; and depositions and interrogatory preparation. Mr. Buddemeyer has testified in U.S. and international arbitration.

EDUCATION

Professional degree program, majored in applied mathematics and operations research, minored in Chemical and Petroleum Refining Engineering, Colorado School of Mines (1965-1970)

PROFESSIONAL AFFILIATIONS

Association for the Advancement of Cost Engineering International

TECHNICAL EXPERIENCE

Representative U.S. and international technical experience includes:

- Construction claims preparation, analysis, defense, and negotiation of settlements.
- Identification and systematic evaluation of major engineering and construction problems and their cause/effect relationship on cost overruns, and schedule delays and acceleration.
- Direct and indirect damages assessments.
- Property damage and business interruption damages assessments.
- Deposition and expert witness testimony.
- CPM schedule analyses of the impacts of delays, disruption, acceleration and loss of labor productivity.
- Contract/entitlement analysis.
- Management of construction project control procedures, data acquisition for projects, and the organization, analysis, and reporting of project cost, schedule, procurement and resource utilization information.
- Oversight and preparation of construction project order-of-magnitude, factored, and detailed capital and operations cost estimates.
- Oversight and preparation of construction project cash flow, return on investment, and interest calculations; economic analyses, risk and sensitivity analyses, range estimating, and contingency/management reserve calculations.