



JEFFREY L. SELLON, PE

Mr. Sellon has more than 30 years experience in engineering design, start-up and forensics. He has investigated numerous multi-million dollar losses, including construction claims arising from the construction of the Denver International Airport (DIA), which was one of the largest projects in the world at the time. Mr. Sellon provides expert testimony and consults with attorneys on a regular basis. His focus is to help clients avoid court by providing easy to understand explanations.

LICENSURE & EDUCATION

Licensed Professional Engineer in all states west of the Mississippi River (continental U.S.) plus Indiana, Michigan, and Wisconsin
BS, Electrical Engineering, Iowa State University, Ames, Iowa, 1974
Certified Fire and Explosion Investigator (CFEI), NAFI, 1998
Certified Fire Investigation Instructor (CFII), NAFI, 2003
Certified Vehicle Fire Investigator (CVFI), NAFI, 2003

Practice Areas: Electrical, Boiler & Machinery, Equipment Breakdown, Fire & Explosion Support
Email: jeff@werc.com

WORK HISTORY

Principal Engineer, *Western Engineering & Research Corporation*, 2003-Present
President, *Electrical Failure Analysis, Inc.*, 1998-2003; Colorado
Principal, *Behrent Engineering Company*, 1989-2001; Colorado
Principal, *AC Engineering Company*, 1986 – 1989; Colorado
Plant Electrical Engineer, *Honeywell, Inc.*, 1984 – 1986; Colorado
Senior Electrical Engineer, *R.W. Beck & Associates*, 1982 – 1984; Washington
Senior Electrical Engineer, *Dravo Engineers and Contractors*, 1980 – 1982; Colorado
Electrical Engineer, *Behrent Engineering Company*, 1975 – 1980; Colorado
Maintenance and New Construction Electrician, *Mammoth Mountain Ski Area*, 1973-1974; California
Student Engineer, *Iowa Power & Light*, prior to 1973; Iowa

FAILURE ANALYSIS

Mr. Sellon began providing engineering and scientific investigation, failure analysis and accident reconstruction in 1994. Mr. Sellon helps resolve electrical system failures involving heavy industry, equipment breakdown, construction, utility, mines, appliances, and vehicles; shock and electrocutions. Electrical systems include power, control, instrumentation, grounding and lightning, fire alarm, communication, lighting, automation, and static electricity generation systems.

ENGINEERING AND DESIGN

Mr. Sellon has designed generation, power distribution, motor control (hardwire logic & PLC including programming), grounding, lightning protection, fire alarm, lighting and receptacle, and instrumentation systems. His work experience includes heavy industry, chemical, data processing, commercial building, telecommunication, utility and government agency projects such as waste water plants and airports, as well as metal, nonmetal and coal mine projects.

AWARDS AND ACCOMPLISHMENTS

Mr. Sellon has taught seminars and published numerous articles. He is a nationally recognized expert and frequent speaker on Nikola Tesla, father of electrical engineering. He has presented lectures on Tesla at Carnegie Mellon University in Pittsburgh, and Columbia University in New York. Mr. Sellon served as the technical consultant to the authors of the book Obstruction of Justice.

AFFILIATIONS

International Association of Arson Investigators, Institute of Electrical and Electronics Engineers, International Association of Electrical Inspectors, National Association of Fire Investigators, National Fire Protection Association, Lightning Data Center