

EDUCATION

B.S.C.E., Structural and Civil Engineering, University of Colorado, 1971

REGISTRATION

P.E., Colorado No. 13099, Washington, California, Nebraska, Oklahoma, Pennsylvania, Florida, South Dakota, Virginia, Ohio, Texas, Indiana, Massachusetts, Maryland, Puerto Rico, New Mexico, Kansas, US Virgin Islands, West Virginia, and Idaho. National Council of Examiners for Engineering and Surveying (NCEES) No. 11305.

CERTIFIED CONSULTING ENGINEER

Colorado No. 186

PROFESSIONAL EXPERIENCE**Jorgensen & Close Associates, Inc., (J&CA), Denver, Colorado**

Principal, 1981 - Present. President. In charge of investigations, engineering, administration and client relations. Responsible for design, drafting, and specifications for structural projects.

VSL Corporation, Los Gatos, California

Division Engineer, 1977 - 1981. Responsible for design of post-tensioned commercial buildings and circular prestressed concrete tanks for nine western states for the largest supplier of PT materials.

Jorgensen and Hendrickson Engineers, Inc., Denver, Colorado

Project Engineer, 1974 - 1977; Engineer-in-Training, 1971 - 1974

AREAS OF SPECIALIZATION

Post-Tensioned concrete water storage and water and wastewater treatment structures

Civil structures such as pump stations, water and wastewater treatment plants

Investigation and rehabilitation of distressed structures

Expert witness services

ADDITIONAL

Has advanced the state of the art in computer analysis and design of cylindrical shell structures and post-tensioned two-way flat plate structures. Author of technical papers for the American Concrete Institute (ACI), American Water Works Association (AWWA) and American Society of Civil Engineers (ASCE) on prestressed concrete structures. Member of several ACI committees on prestressed and conventionally reinforced concrete structures for wastewater and water treatment and containment, see below.

STANDARDS WRITING COMMITTEES AND OTHER AFFILIATIONS

American Concrete Institute (ACI)

ACI 350 Committee on Water and Wastewater Treatment and Containment Structures

ACI 350 Chairman of Subcommittee on Hazardous Material Containment Structures

ACI 350 Chairman of Subcommittee on Watertightness Testing

ACI 373 Consulting Member Committee on Tendon Prestressed Concrete Tanks

ACI 301 Committee on Specifications, Former Subcommittee Chairman of Post-Tensioning Section

ACI 423 Committee on Prestressed Concrete

ACI 371 Consulting Member Committee on Concrete Pedestal Water Towers

1988 President of Rocky Mountain Chapter of ACI

American Water Works Association (AWWA)

AWWA D115 Standards Committee on Tendon Prestressed Concrete Water Tanks

Former member of AWWA D110 Committee on Wrapped Circular Prestressed Concrete Water Tanks

Precast/Prestressed Concrete Institute, Past-Chairman of Prestressed Concrete Tank Committee

Structural Engineers Association of Colorado

Consulting Engineers Council of Colorado