

MAJOR PROJECT EXPERIENCE

NUCLEAR FACILITIES

Humboldt Bay Power Plant, Eureka, California, for Pacific Gas & Electric Company . As Project Engineer for Dames & Moore, conducted field investigations. Supervised laboratory testing and participation in liquefaction and soil structure interaction analyses of existing plant.

South Dade Nuclear Site, Dade County, Florida, for Florida Power & Light. As Project Engineer for Dames & Moore, supervised laboratory testing. Conducted liquefaction analyses and wrote PSAR sections for proposed nuclear power plant.

Virgil C. Summer Nuclear Station, South Carolina, for South Carolina Electric & Gas Company. As Senior Engineer for Dames & Moore, conducted additional liquefaction analyses and wrote FSAR sections. As consultant to Dames & Moore, participated in study of the significance of reservoir induced micro earthquakes.

Savannah River Site, South Carolina, for E. I. duPont de Nemours & Co. In association with URS/Blume Engineers, review of procedures for evaluating liquefaction for various plant facilities.

Savannah River Site, for Westinghouse Savannah River Company. Review of geotechnical issues in K-Reactor Area.

Advanced Light Water Reactor Siting Program, sponsored by DoE and EPRI. Member of ground motion advisory panel, task leader for development of guidelines for the conduct of site investigations and site response analyses.

Savannah River Site, for Westinghouse Savannah River Company. Review of site characterizations and dynamic soil properties for various plant facilities (with C.J.Costantino, K.H.Stokoe and W.Silva). Review of subsequent update.

Yucca Mountain Nuclear Waste Repository, for Bechtel SAIC Company. Member, Seismic Advisory Panel (with J.C.Stepp, A.C.Cornell, R.P.Kennedy and C.J.Costantino).

Chemical and Metallurgical Research Laboratory Replacement, Los Alamos National Laboratory. Consultant to Kleinfelder Associates on seismic issues associated with design of major nuclear research facility.

Grand Gulf Nuclear Generating Station, for Entergy Nuclear. Lead geotechnical engineer with William Lettis & Associates and Enercon on Early Site Permit application.

Idaho National Laboratory. Member, Blue Ribbon Panel for review of seismic basis for IWTU.