

# Nuclear Security & Engineering

## Technical Specialist, Bechtel Corporation

# Green, Perry, S.



### Specialties:

- Structural Stability
- Inelastic Behavior of Steel Structures
- Modular, Longspan and Connection Design – Steel
- Cold-Formed Steel Structures
- Temporary Structures

### Qualifications & Certifications:

- Ph.D., 2001, CEE, Lehigh University
- M.S., 1979, CEE, Lehigh University
- B.S., 1977, SEAS, Columbia University
- Professional Engineer, South Carolina No. 30012

### Professional Experience:

**Summary:** Dr. Green has over 40 years experience in the analysis, design, and construction of steel and concrete structures. His nuclear experience encompasses a wide array of projects from initial nuclear power plant design and construction to startup, outage, and configuration management of existing plants. From 1998 to 2004 Dr. Green was an Assistant Professor in the Civil and Coastal Engineering Department at the University of Florida, Gainesville, FL where he taught undergraduate and graduate classes in steel design, connections, and the inelastic behavior and stability of structures; From 2004 to 2010 he was the Technical Director of the Steel Joist Institute, SJI, where he was responsible for their Education, Engineering Practice, and Research Committees. Dr. Green joined Bechtel in 2011 and was part of the civil/structural core team for the small modular reactor project Generation mPower; From 2015 to 2018 he was seconded to Southern Nuclear Company at the Vogtle Electric Generating Plant 3&4, Waynesboro, GA in the Construction Engineering Compliance Group overseeing the construction of two AP1000 plants; and from 2018 to present he has been assigned to the civil construction field engineering group at the Uranium Processing Facility in Oak Ridge, TN. Dr. Green has authored or co-authored over 50 journal articles, conference proceedings papers, research reports, and technical digests on the behavior of steel members, connections, and longspan structures and has participated in the

- 18+ years as Academic Researcher & Professor
- 22+ years Technical Director & Structural Engineer

### Committees & Memberships:

- AISC Committees: TC-6 Connections, TC-11 Design of Nuclear Facilities
- AISI Committees: COS Main, Sub-03 Chair, Connections and Joints, Sub-06, -22, -33, -34, Education; COFS Lateral
- SSRC: Treasurer, Past ExCom Member
- ASCE and ASCE-SEI Fellow, TAC Metals Chair, Past Chair Cold-Formed Members Committee
- Fritz Engineering Research Society



