

CE691

“Engineering A Life”

How to Think, Understand, Research, Propose, Analyze, and Solve Problems

Dr. Perry Green, PE

AISC Sponsored Speaker

4:30pm Thursday, April 24, 2025

PHYS 203

ABSTRACT

Over the past decade or so while being asked to perform structural reviews of others designs or working in the field on large construction scale energy projects, nuclear or nuclear material processing, have revealed two broad themes that all structural engineers should be aware of as they go hand in hand. The first and overarching theme is, “Is Your Structure Suitably Braced?” while the second theme is “What Happens When Design, Detailing, Fabrication, and Erection Differ?”. Actual in-service observed instances will be presented and discussed through several case studies that highlight these two themes providing commentary on how to answer each of the questions.



BIO:

Dr. Green earned Education earned his BSCE from Columbia University in 1979 and obtained his MS and PhD from Lehigh University 1979 & 2001 respectively. He has worked in the nuclear power industry for several decades with the firms of Burns & Roe as well as Bechtel Corporation. He also served as a faculty member in the Department of Civil and Coastal Engineering, University of Florida, Gainesville, and later served as the Technical Director, Steel Joist Institute, prior to returning to the power industry working for Bechtel Corporation.

Dr. Green is very active in various professional organizations, in particular the AISI Cold-Formed Steel Committee on Specifications; AISC Task Committees TC6 Connections, TC11 Design of Nuclear Facilities; ASCE Cold Formed Steel Members Committee; and the Structural Stability Research Council (SSRC). He has author and co-authored numerous Papers, Articles, Reports and has given countless presentations and webinars over his career.