



December 8, 2015

The Honorable Nikki R. Haley, Governor  
State of South Carolina  
1205 Pendleton Street  
Columbia, SC 29201

Dear Governor Haley:

The SC Council of Engineering and Surveying Societies (SCCESS) has completed the evaluation process for interviewing candidates for nominations to you as specified in Act 83 of 2003, for the position on the SC Building Codes Council dedicated to a Professional Engineer, currently held by Mr. Greg Parsons, PE.

After reviewing the applications, the Council is pleased to recommend that Mr. Greg Parsons, PE, be re-appointed to the Building Codes Council. Mr. Parsons' resume is enclosed for your information.

The SC Council of Engineering and Surveying Societies is composed of professional and technical engineering and surveying organizations representing thousands of engineers and surveyors throughout the state. The Council currently consists of the following organizations:

- American Council of Engineering Companies of South Carolina (ACEC-SC)
- American Society of Civil Engineers (ASCE)
- American Society of Mechanical Engineers (ASME)
- Institute of Electrical and Electronic Engineers (IEEE)
- Institute of Transportation Engineers – South Carolina Section (ITE-SC)
- South Carolina Society of Professional Engineers (SCSPE)
- South Carolina Society of Professional Land Surveyors (SCSPLS)
- Structural Engineers Association of South Carolina (SEASC)
- Society of Agricultural and Biological Engineers

These organizations' representatives serve on the Council of Engineering and Surveying Societies, which advertised for interested engineers and surveyors to come forward for consideration. These advertisements were through the various engineering and surveying organizations' newsletters, e-mails, and websites. Additionally, advertisement was made on the SC Department of Labor, Licensing, and Regulation's website.

I look forward to hearing from you on this appointment. If you have any questions or seek further information on the Council or the nomination, please contact me at 803-509-6605 or by e-mail at [Edward.Owens@hdrinc.com](mailto:Edward.Owens@hdrinc.com).

Sincerely,

Edward J. Owens Jr., P.E.  
President



---

**Gregory P. Parsons, MS, PE, CBO**

---

Professional Engineer

**Building Forensics**

**Property Loss Investigation**

**Building Codes and Standards Evaluation**

**Construction and Industrial Accident Reconstruction**

**Expert Witness and Litigation Support**

**Construction Claims Analysis**

**Alternative Dispute Resolution**

**Cost Estimation**



---

## EDUCATION

---

- |             |  |
|-------------|--|
| <b>1981</b> | <b>Master of Science Industrial Engineering (Engineering Management)</b><br>Cleveland State University |
| <b>1976</b> | <b>Bachelor of Science Civil Engineering</b><br>Ohio University  |

---

## EXPERIENCE

---

- |                        |  |
|------------------------|--|
| <b>1988 TO Present</b> | <b>Builders Engineering Corporation</b> President and Principal Engineer<br>A forensic engineering and consulting firm specializing in the Building Construction Industry. Perform analysis of construction accidents and property related losses, design and evaluation of buildings and other structures, failure and loss investigations, evaluations for building and construction code compliance.  |
| <b>1981 TO 2000</b>    | <b>South Carolina Electric and Gas Company</b> Engineer and Project Manager<br>Served in a variety of engineering and project management positions at the V. C. Summer Nuclear Station. These functions included: Design, Program Coordination, Safety Engineering and Quality Assurance.<br><br><b>1993 to 2000</b><br>Design Engineering in the civil/structural/seismic areas, coordinating numerous projects including: Circulating Water Discharge Canal dredging, development of the Security Barrier plan, Reactor Building Tendon Surveillance program, Storage Request program, modification of electrical cabinets for seismic interaction, Seismic IPEEE plant walkdown and Reactor Containment coatings.<br><br><b>1988-1993</b><br>Coordinator for Human Performance Evaluation System Program and Generic Safety Issues Duties included investigation, evaluation and reporting of human performance related accidents and other events. Responsible for monitoring generic safety issues and unresolved safety issues.<br><br><b>1986-1988</b><br>Safety Engineer in the Independent Safety Engineering Group, responsible for overseeing the operation of the plant from a technical safety basis. Performed safety system functional inspections, reviewed design basis changes, monitored operations and maintenance activities, performed technical investigations and provided written reports to management.<br><br><b>1981-1986</b><br>Quality Assurance Engineer responsible for the quality functions for procurement of plant equipment and spare parts, including seismic qualification of these components. Specific responsibilities included quality program development, lead auditor for vendor and internal audits, specifying of procurement quality and seismic requirements, and developing resolution for spare parts problems. Additional responsibilities included review and approval of nonconformance dispositions, technical procurement/seismic specifications, and plant modification documents. |

---

## EXPERIENCE (CONT.)

---

**1976 TO 1981**

**Cleveland Electric Illuminating Company** Engineer and Construction Management  
Served in a variety of engineering and construction management positions at the Perry Nuclear Power Plant. These functions included: Construction Procurement, Contract Administration and Quality Assurance/Quality Control

**1980-1981**

Construction Buyer responsible for writing and awarding construction contracts and amendments, including negotiation of changes and interface with all elements of the project organization (contractors and project legal staff). Supervised buyer clerks and claim technicians. Also responsible for analysis, negotiation and resolution of construction claims.

**1978-1980**

Contract Administrator responsible for daily administration of construction progress, coordination, and scheduling, budget, contractor progress payments and time/material payments. Supervisor/leader of a construction team including an engineer, scheduler, QA engineer and QC inspector.

**1976-1978**

Quality Assurance/Quality Control Engineer responsible for writing inspection procedures, reviewing and approving contractor quality procedures, and performing audits of contractors and vendors. Performed first line inspections of civil and piping installations. Certified as an ANSI Level II Civil and Level II Piping Inspector.

---

## ALTERNATIVE DISPUTE RESOLUTION EXPERIENCE

---

**1980 TO Present**

Served as sole arbitrator, panel member and panel chairman in numerous cases for the American Arbitration Association. Resolved many contractor/ subcontractor; owner/ contractor; architect/ owner; owner/ contractor/subcontractor multi-party disputes with claims as large as \$20 million. Disputes involved contract terms and conditions, change orders, delays, faulty plans and specifications and other construction related claims.

**2004 TO Present**

Served as mediator and arbitrator for the Construction Arbitration Services. Resolved contractor/ owner dispute. Dispute involved faulty workmanship and building code compliance.

---

## APPOINTMENTS AND PROFESSIONAL ORGANIZATIONS

---

Elected Chairman the South Carolina Building Codes Council  
Appointed to the South Carolina Building Codes Council by three Governors of South Carolina  
Appointed to the National Panel of Construction Mediators by the American Arbitration Association  
Appointed to the National Panel of Construction Arbitrators by the American Arbitration Association  
Building Inspection Engineering Certification Institute, Board Certified Building Inspection Engineer  
National Academy of Building Inspection Engineers, Charter Associate Member (inactive)  
International Code Council, Registrant Member  
National Society of Professional Engineers (National, State & Local), former Columbia Chapter Director (inactive)  
American Society of Civil Engineers (ASCE) (National, State & Local), Member (inactive)  
ASCE Technical Council on Forensic Engineering, Member  
ASCE Committee on Forensic Practices, Member  
Structural Engineering Institute, Standards Committee on Condition Assessment & Rehabilitation of Buildings  
Structural Engineers Association of South Carolina, Member  
South Carolina Council of Engineering and Surveying Societies, Ex-Officio Member  
South Carolina Urban Search & Rescue Task Force 1, Structural Specialist  
Engineers Without Borders, University of South Carolina Chapter, Professional Mentor  
South Carolina State Guard, Engineering Detachment, Captain

---

## REGISTRATION

---

Professional Engineer, State of South Carolina, (# 8942)  
Professional Engineer, State of North Carolina, (# 026144)  
Professional Engineer, State of Georgia, (# 028897)  
Professional Engineer, State of Virginia, (# 051052)  
Professional Engineer, State of Connecticut, (# 21252 inactive)  
Professional Engineer, State of Ohio, (# E-45963 inactive)  
Licensed General Contractor (Buildings), State of South Carolina (# G108772)  
Residential Building and Remodeling Contractor, State of South Carolina (# 9156 inactive)  
Commercial Building Inspector, International Code Council (# 5218616-B2 inactive)  
Building Plans Examiner, International Code Council (# 5218616-B3 inactive)  
Certified Building Official, International Code Council (# 5146094-CB)



---

## CONTINUING EDUCATION

---

**2015**

International Code Council, Annual Conference and Code Hearings, Long Beach, CA

**2015**

Annual Conference, Structural Engineers' Association of SC, Columbia, SC

**2015**

SC Engineering Conference, SC Society of Professional Engineers, Myrtle Beach, SC

**2015**

Modular Building Institute, World of Modular, Las Vegas, NV

**2014**

International Code Council, Annual Conference and Code Hearings, Fort Lauderdale, FL

**2014**

SC Society of Professional Engineers, Case Studies of Engineering for Forensic Purposes, Columbia, SC

**2014**

American Arbitration Association, Using Experts Effectively in Commercial & Construction Arbitration

**2014**

Synergy Engineering, Restraint of Non Structural Components, Columbia, SC

**2014**

International Code Council, Emergency Egress Provisions, North Myrtle Beach, SC

**2014**

Wood Frame Construction Manual, American Wood Council, Columbia, SC

**2014**

Modular Building Institute, World of Modular, San Antonio, TX

**2013**

Masonry Fasteners, SEA of SC Midlands, Columbia, SC

**2013**

Urban Search & Rescue, Center for National Response, Gallagher, WV

**2013**

International Code Council, Annual Conference, Atlantic City, NJ

**2013**

Structural Engineers Association of South Carolina Annual Conference, SEA of SC, Columbia, SC

**2013**

IBC Chapter 17 Special Inspections Licensing, SCDLLR, Columbia, SC

**2013**

IRC, IBC, IFC, IMC, NEC, IPC, IFGC IBC & ANSI A117 2006 – 2009 – 2012 Changes, SCDLLR, Lexington, SC

---

**CONTINUING EDUCATION (CONT.)**

---

**2012**

American Arbitration Association, Construction Professionals Guide to Conducting an AAA Arbitration

**2012**

FEMA/US Army Corps of Engineers, Urban Search & Rescue Structures Specialist, Moffett Field, CA

**2012**

International Code Council, Annual Conference and Code Hearings, Portland, OR

**2012**

SC Society of Professional Engineers, SC Engineering and Trade Show Conference, Myrtle Beach, SC

**2012**

Modular Building Institute, World of Modular, Orlando, FL

**2011**

SC Urban Search & Rescue, Field Operations Assessment & Training, Charlotte, NC

**2011**

International Energy Conservation Code, Mechanical, Residential & Commercial, Columbia, SC

**2011**

Structural Engineers Association of SC, Post Windstorm and Flood Building Evaluation, Columbia, SC

**2011**

SC Emergency Management Division, Pre & Post Earthquake Building Evaluation, Columbia, SC

**2010**

South Carolina Task Force 1, Urban Search & Rescue Team Training, Columbia, SC

**2010**

Foundation Technologies, Chance Engineering Seminar, Columbia, SC

**2010**

Council of Litigation Management, Selection Use & Management of Expert Witnesses, Charlotte, NC

**2009**

American Society of Civil Engineers, Forensic Engineering Congress, Washington DC

**2009**

RISA, Structural Analysis Software, Charlotte, NC

**2009**

American Arbitration Association, Advanced Commercial Mediation, Atlanta, GA

**2009**

Weyerhaeuser iLevel Services, Wall Bracing Design and Residential Tall Walls, Columbia, SC

**2009**

American Society of Civil Engineers, Clemson Wind & Structural Engineering Research, Columbia, SC

**2008**

American Arbitration Association, Standard for Efficient and Cost Effective Arbitration, Charlotte, NC

---

**CONTINUING EDUCATION (CONT.)**

---

**2008**

Wood Products Council, Wood Solutions Seminar, Charlotte, NC

**2007**

American Society of Civil Engineers, Public Relations Training Workshop, Washington, DC

**2006**

American Arbitration Association, Managing Cases Involving Self-represented Parties, Columbia, SC

**2006**

American Society of Civil Engineers, Forensic Engineering Congress, Cleveland, OH

**2006**

National Academy of Forensic Engineering Seminar, Washington, DC

**2005**

American Arbitration Association, Chairing an Arbitration Panel, Charlotte, NC

**2005**

American Society of Civil Engineers, Forensic Engineering Symposium, New York, NY

**2005**

Certified Building Official Technology, Columbia, SC

**2005**

Certified Building Official Legal and Management, Columbia, SC

**2004**

American Arbitration Association, Arbitration Awards, Charlotte, NC

**2004**

Report Writing for Expert Witnesses, Columbia, SC

**2004**

Composition of Roof Systems, Columbia, SC

**2004**

Commercial Building Plans Examiner, Columbia, SC

**2003**

Commercial Building Inspector, Columbia, SC

**2003**

American Wood Council, Wood Design Building Code, Charlotte, NC

**2002**

Georgia Institute of Technology, Computer Aided Structural Analysis, Columbia, SC

**2001**

American Society of Civil Engineers, New International Building Code Provisions, Columbia, SC





December 8, 2015

The Honorable Nikki R. Haley, Governor  
State of South Carolina  
1205 Pendleton Street  
Columbia, SC 29201

Dear Governor Haley:

The SC Council of Engineering and Surveying Societies (SCCESS) has completed the evaluation process for interviewing candidates for nominations to you as specified in Act 83 of 2003, for the position on the SC Building Codes Council dedicated to a Professional Engineer, currently held by Mr. Greg Parsons, PE.

After reviewing the applications, the Council is pleased to recommend that Mr. Greg Parsons, PE, be re-appointed to the Building Codes Council. Mr. Parsons' resume is enclosed for your information.

The SC Council of Engineering and Surveying Societies is composed of professional and technical engineering and surveying organizations representing thousands of engineers and surveyors throughout the state. The Council currently consists of the following organizations:

- American Council of Engineering Companies of South Carolina (ACEC-SC)
- American Society of Civil Engineers (ASCE)
- American Society of Mechanical Engineers (ASME)
- Institute of Electrical and Electronic Engineers (IEEE)
- Institute of Transportation Engineers – South Carolina Section (ITE-SC)
- South Carolina Society of Professional Engineers (SCSPE)
- South Carolina Society of Professional Land Surveyors (SCSPLS)
- Structural Engineers Association of South Carolina (SEASC)
- Society of Agricultural and Biological Engineers

These organizations' representatives serve on the Council of Engineering and Surveying Societies, which advertised for interested engineers and surveyors to come forward for consideration. These advertisements were through the various engineering and surveying organizations' newsletters, e-mails, and websites. Additionally, advertisement was made on the SC Department of Labor, Licensing, and Regulation's website.

I look forward to hearing from you on this appointment. If you have any questions or seek further information on the Council or the nomination, please contact me at 803-509-6605 or by e-mail at [Edward.Owens@hdrinc.com](mailto:Edward.Owens@hdrinc.com).

Sincerely,

Edward J. Owens Jr., P.E.  
President



---

**Gregory P. Parsons, MS, PE, CBO**

---

Professional Engineer

**Building Forensics**

**Property Loss Investigation**

**Building Codes and Standards Evaluation**

**Construction and Industrial Accident Reconstruction**

**Expert Witness and Litigation Support**

**Construction Claims Analysis**

**Alternative Dispute Resolution**

**Cost Estimation**



---

## EDUCATION

---

- 1981**                      **Master of Science Industrial Engineering (Engineering Management)**  
Cleveland State University
- 1976**                      **Bachelor of Science Civil Engineering**  
Ohio University

---

## EXPERIENCE

---

- 1988 TO Present**            **Builders Engineering Corporation** President and Principal Engineer  
A forensic engineering and consulting firm specializing in the Building Construction Industry. Perform analysis of construction accidents and property related losses, design and evaluation of buildings and other structures, failure and loss investigations, evaluations for building and construction code compliance.
- 1981 TO 2000**            **South Carolina Electric and Gas Company** Engineer and Project Manager  
Served in a variety of engineering and project management positions at the V. C. Summer Nuclear Station. These functions included: Design, Program Coordination, Safety Engineering and Quality Assurance.
- 1993 to 2000**  
Design Engineering in the civil/structural/seismic areas, coordinating numerous projects including: Circulating Water Discharge Canal dredging, development of the Security Barrier plan, Reactor Building Tendon Surveillance program, Storage Request program, modification of electrical cabinets for seismic interaction, Seismic IPEEE plant walkdown and Reactor Containment coatings.
- 1988-1993**  
Coordinator for Human Performance Evaluation System Program and Generic Safety Issues Duties included investigation, evaluation and reporting of human performance related accidents and other events. Responsible for monitoring generic safety issues and unresolved safety issues.
- 1986-1988**  
Safety Engineer in the Independent Safety Engineering Group, responsible for overseeing the operation of the plant from a technical safety basis. Performed safety system functional inspections, reviewed design basis changes, monitored operations and maintenance activities, performed technical investigations and provided written reports to management.
- 1981-1986**  
Quality Assurance Engineer responsible for the quality functions for procurement of plant equipment and spare parts, including seismic qualification of these components. Specific responsibilities included quality program development, lead auditor for vendor and internal audits, specifying of procurement quality and seismic requirements, and developing resolution for spare parts problems. Additional responsibilities included review and approval of nonconformance dispositions, technical procurement/seismic specifications, and plant modification documents.



---

## EXPERIENCE (CONT.)

---

**1976 TO 1981**

**Cleveland Electric Illuminating Company** Engineer and Construction Management  
Served in a variety of engineering and construction management positions at the Perry Nuclear Power Plant. These functions included: Construction Procurement, Contract Administration and Quality Assurance/Quality Control

**1980-1981**

Construction Buyer responsible for writing and awarding construction contracts and amendments, including negotiation of changes and interface with all elements of the project organization (contractors and project legal staff). Supervised buyer clerks and claim technicians. Also responsible for analysis, negotiation and resolution of construction claims.

**1978-1980**

Contract Administrator responsible for daily administration of construction progress, coordination, and scheduling, budget, contractor progress payments and time/material payments. Supervisor/leader of a construction team including an engineer, scheduler, QA engineer and QC inspector.

**1976-1978**

Quality Assurance/Quality Control Engineer responsible for writing inspection procedures, reviewing and approving contractor quality procedures, and performing audits of contractors and vendors. Performed first line inspections of civil and piping installations. Certified as an ANSI Level II Civil and Level II Piping Inspector.

---

## ALTERNATIVE DISPUTE RESOLUTION EXPERIENCE

---

**1980 TO Present**

Served as sole arbitrator, panel member and panel chairman in numerous cases for the American Arbitration Association. Resolved many contractor/ subcontractor; owner/ contractor; architect/ owner; owner/ contractor/subcontractor multi-party disputes with claims as large as \$20 million. Disputes involved contract terms and conditions, change orders, delays, faulty plans and specifications and other construction related claims.

**2004 TO Present**

Served as mediator and arbitrator for the Construction Arbitration Services. Resolved contractor/ owner dispute. Dispute involved faulty workmanship and building code compliance.

---

## **APPOINTMENTS AND PROFESSIONAL ORGANIZATIONS**

---

Elected Chairman the South Carolina Building Codes Council

Appointed to the South Carolina Building Codes Council by three Governors of South Carolina

Appointed to the National Panel of Construction Mediators by the American Arbitration Association

Appointed to the National Panel of Construction Arbitrators by the American Arbitration Association

Building Inspection Engineering Certification Institute, Board Certified Building Inspection Engineer

National Academy of Building Inspection Engineers, Charter Associate Member (inactive)

International Code Council, Registrant Member

National Society of Professional Engineers (National, State & Local), former Columbia Chapter Director (inactive)

American Society of Civil Engineers (ASCE) (National, State & Local), Member (inactive)

ASCE Technical Council on Forensic Engineering, Member

ASCE Committee on Forensic Practices, Member

Structural Engineering Institute, Standards Committee on Condition Assessment & Rehabilitation of Buildings

Structural Engineers Association of South Carolina, Member

South Carolina Council of Engineering and Surveying Societies, Ex-Officio Member

South Carolina Urban Search & Rescue Task Force 1, Structural Specialist

Engineers Without Borders, University of South Carolina Chapter, Professional Mentor

South Carolina State Guard, Engineering Detachment, Captain

---

## **REGISTRATION**

---

Professional Engineer, State of South Carolina, (# 8942)

Professional Engineer, State of North Carolina, (# 026144)

Professional Engineer, State of Georgia, (# 028897)

Professional Engineer, State of Virginia, (# 051052)

Professional Engineer, State of Connecticut, (# 21252 inactive)

Professional Engineer, State of Ohio, (# E-45963 inactive)

Licensed General Contractor (Buildings), State of South Carolina (# G108772)

Residential Building and Remodeling Contractor, State of South Carolina (# 9156 inactive)

Commercial Building Inspector, International Code Council (# 5218616-B2 inactive)

Building Plans Examiner, International Code Council (# 5218616-B3 inactive)

Certified Building Official, International Code Council (# 5146094-CB)

---

## CONTINUING EDUCATION

---

**2015**

International Code Council, Annual Conference and Code Hearings, Long Beach, CA

**2015**

Annual Conference, Structural Engineers' Association of SC, Columbia, SC

**2015**

SC Engineering Conference, SC Society of Professional Engineers, Myrtle Beach, SC

**2015**

Modular Building Institute, World of Modular, Las Vegas, NV

**2014**

International Code Council, Annual Conference and Code Hearings, Fort Lauderdale, FL

**2014**

SC Society of Professional Engineers, Case Studies of Engineering for Forensic Purposes, Columbia, SC

**2014**

American Arbitration Association, Using Experts Effectively in Commercial & Construction Arbitration

**2014**

Synergy Engineering, Restraint of Non Structural Components, Columbia, SC

**2014**

International Code Council, Emergency Egress Provisions, North Myrtle Beach, SC

**2014**

Wood Frame Construction Manual, American Wood Council, Columbia, SC

**2014**

Modular Building Institute, World of Modular, San Antonio, TX

**2013**

Masonry Fasteners, SEA of SC Midlands, Columbia, SC

**2013**

Urban Search & Rescue, Center for National Response, Gallagher, WV

**2013**

International Code Council, Annual Conference, Atlantic City, NJ

**2013**

Structural Engineers Association of South Carolina Annual Conference, SEA of SC, Columbia, SC

**2013**

IBC Chapter 17 Special Inspections Licensing, SCDLLR, Columbia, SC

**2013**

IRC, IBC, IFC, IMC, NEC, IPC, IFGC IBC & ANSI A117 2006 – 2009 – 2012 Changes, SCDLLR, Lexington, SC



---

## CONTINUING EDUCATION (CONT.)

---

**2012**

American Arbitration Association, Construction Professionals Guide to Conducting an AAA Arbitration

**2012**

FEMA/US Army Corps of Engineers, Urban Search & Rescue Structures Specialist, Moffett Field, CA

**2012**

International Code Council, Annual Conference and Code Hearings, Portland, OR

**2012**

SC Society of Professional Engineers, SC Engineering and Trade Show Conference, Myrtle Beach, SC

**2012**

Modular Building Institute, World of Modular, Orlando, FL

**2011**

SC Urban Search & Rescue, Field Operations Assessment & Training, Charlotte, NC

**2011**

International Energy Conservation Code, Mechanical, Residential & Commercial, Columbia, SC

**2011**

Structural Engineers Association of SC, Post Windstorm and Flood Building Evaluation, Columbia, SC

**2011**

SC Emergency Management Division, Pre & Post Earthquake Building Evaluation, Columbia, SC

**2010**

South Carolina Task Force 1, Urban Search & Rescue Team Training, Columbia, SC

**2010**

Foundation Technologies, Chance Engineering Seminar, Columbia, SC

**2010**

Council of Litigation Management, Selection Use & Management of Expert Witnesses, Charlotte, NC

**2009**

American Society of Civil Engineers, Forensic Engineering Congress, Washington DC

**2009**

RISA, Structural Analysis Software, Charlotte, NC

**2009**

American Arbitration Association, Advanced Commercial Mediation, Atlanta, GA

**2009**

Weyerhaeuser iLevel Services, Wall Bracing Design and Residential Tall Walls, Columbia, SC

**2009**

American Society of Civil Engineers, Clemson Wind & Structural Engineering Research, Columbia, SC

**2008**

American Arbitration Association, Standard for Efficient and Cost Effective Arbitration, Charlotte, NC

---

**CONTINUING EDUCATION (CONT.)**

---

**2008**

Wood Products Council, Wood Solutions Seminar, Charlotte, NC

**2007**

American Society of Civil Engineers, Public Relations Training Workshop, Washington, DC

**2006**

American Arbitration Association, Managing Cases Involving Self-represented Parties, Columbia, SC

**2006**

American Society of Civil Engineers, Forensic Engineering Congress, Cleveland, OH

**2006**

National Academy of Forensic Engineering Seminar, Washington, DC

**2005**

American Arbitration Association, Chairing an Arbitration Panel, Charlotte, NC

**2005**

American Society of Civil Engineers, Forensic Engineering Symposium, New York, NY

**2005**

Certified Building Official Technology, Columbia, SC

**2005**

Certified Building Official Legal and Management, Columbia, SC

**2004**

American Arbitration Association, Arbitration Awards, Charlotte, NC

**2004**

Report Writing for Expert Witnesses, Columbia, SC

**2004**

Composition of Roof Systems, Columbia, SC

**2004**

Commercial Building Plans Examiner, Columbia, SC

**2003**

Commercial Building Inspector, Columbia, SC

**2003**

American Wood Council, Wood Design Building Code, Charlotte, NC

**2002**

Georgia Institute of Technology, Computer Aided Structural Analysis, Columbia, SC

**2001**

American Society of Civil Engineers, New International Building Code Provisions, Columbia, SC

---

**CONTINUING EDUCATION (CONT.)**

---

**2001**

American Arbitration Association, Advanced Case Management Training, Charlotte, NC

**2001**

National Academy of Building Inspection Engineers Conference, Charleston, SC

**2000**

Expert Witness Training, Columbia, SC

**1999**

Structural Steel Painting Council, Coating Failure Analysis, Houston, TX

**1999**

FEMA Disaster Response Training presented by Parsons, Brinkerhoff, Columbia, SC

**1999**

South Carolina Volunteer Technical Assistants Group, Disaster Response Training, Charleston, SC

**1999**

National Academy of Forensic Engineers, Forensic Engineering Seminar, Atlanta, GA

**1998**

South Carolina Supreme Court Civil Mediation Training, Columbia, SC

**1997**

National Forensic Center, The Expert Witness College, Tampa, FL

**1997**

American Arbitration Association, Construction Industry Arbitrator Training, Charlotte, NC

**1996**

Wind Loads per ASCE 7, Charlotte, NC

**1993**

SQUG/IPEEE Seismic Training, Charlotte, NC

**1991**

American Society of Metals, Principles of Failure Analysis, Cleveland, OH

**1991**

American Arbitration Association, Advanced Arbitrator Training, Charlotte, NC

**1990**

Advanced Root Cause Analysis, Columbia, SC

**1990**

Advanced Event Investigation Techniques, Atlanta GA

**1989**

Root Cause Analysis for Power Plants, Columbia, SC



---

## **CONTINUING EDUCATION (CONT.)**

---

**1989**

Advanced Human Performance Event Investigation Techniques, Atlanta, GA

**1987**

Human Performance Event Investigation Techniques, Wilmington, NC

**1980**

American Arbitration Association, Arbitrator Training, Cleveland, OH

**1980**

Hill International, Resolving Contract Disputes & Avoiding Construction Claims, Cleveland, OH

**1978**

Art of Negotiation, Cleveland, OH

**1977**

Portland Cement Institute, Concrete Containment Inspection, Skokie, IL

---

## PAPERS AND PRESENTATIONS

---

**2015**

SC Building Codes: Myths Busted, Secrets Revealed, SC Society of Professional Engineers, Myrtle Beach, SC

**2014**

Forensic Engineering: Is This For Me?, American Society of Civil Engineers – USC Student Chapter, Columbia, SC

**2012**

Tricks of the Trade for a Forensic Practice, American Society of Civil Engineers – Midlands Chapter, Columbia, SC

**2012**

Best Practices in the Investigation of Building Failures, SC Society of Professional Engineers, Myrtle Beach, SC

**2010**

Best Practices in Construction Defect Investigations, South Carolina Bar Association, Kiawah, SC

**2007**

An ounce of Prevention is Worth 10 CuYds of Cure, Home Builders Association of SC, Myrtle Beach, SC

**2007**

Forensic Engineering; What's That?, South Carolina Society of Engineers, Camden, SC

**2004**

Structural Tests and Special Inspections, Columbia Contractors Association, Columbia, SC

**2004**

South Carolina Building Code Council, American Society of Home Inspectors, Columbia, SC

**2004**

South Carolina Building Code Council, SC Association of Home Inspectors, Columbia, SC

**2002**

SC Building Code Council, South Carolina Society of Professional Engineers, Columbia, SC

**2000**

Using the Beaufort Wind Scale in Assessing Wind Damage, Columbia, SC

**1992**

Human Performance Event Case Studies, Port Gibson, MS

Numerous reports describing analysis of failures associated with individual cases

(Last Update: 11-12-15)