

# The ASME Nuclear Codes

**“Good job making a presentation on a dry subject interesting and entertaining.”**

– Course Attendee

**“A uniquely educational, interesting and entertaining experience.”** Designed specifically for power plant engineers, this highly acclaimed course developed by **Procon1**, LLC provides a detailed review of the two principal B&PV Code Nuclear Book Sections for both new and experienced engineers.

**“Informative and good use of real-life examples.”** ASME Section III, *Rules for Construction of Nuclear Power Plant Components*, provides practical and functional knowledge of the Code rules—what they are, where they are found, and how they are applied—in a two-day overview that focuses on essential information and insights for technicians, engineers and supervisors involved in all phases of design, planning, and modification of operating power plants.

**“Excellent course and material.”** ASME Section XI, *Rules for Inservice Inspection of Nuclear Power Plant Components*, the Code that many power plant engineers are involved with on a daily basis, is covered in more depth over a period of three days. The preservice and inservice inspection requirements are covered in one day and the remainder of the session concentrates on repair and replacement of nuclear power plant components.

**“An instructor knowledgeable and enthusiastic about the subject matter.”** Each session can be presented independently or both can be presented over five days. Each session covers the history and evolution of nuclear power with respect to the applicable Code, explanations of the Code Committees, how rules are written and modified, and how Code Cases and Interpretations are processed. Also discussed is the Nuclear Regulatory Commission interface with Code Committees and how regulations are adopted and put into law.

- Each session is based on the latest edition and addenda of ASME Section III and ASME Section XI Codes endorsed by the Regulator in 10CFR50.55a.
- Each session discusses the specific regulatory restrictions imposed on the Code Section by 10CFR50.55a.
- The session can be customized to identify differences between the latest approved edition and the edition of Section XI (and/or Section III) that is currently applicable to your particular plant.

**“Interesting and entertaining.”** The course includes many actual case studies and personal experiences involving specific Code requirements. (See Instructor’s Bio, back side.) Included is a mixture of interesting nuclear facts, reviews of various nuclear plant designs, and entertaining yet educational tales of both nuclear and non-nuclear engineering errors that have led to disaster.

This is **the essential course** in the Nuclear Codes that all of your technical and engineering personnel need to experience. It can be presented as-is or customized to any extent to suit your specific needs, including modification to comply with your site's technical training program.

**For further information, contact:**

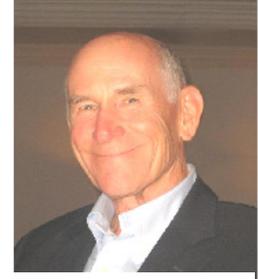
**Jim O’Sullivan • Procon1, LLC • 18086 San Carlos Blvd #812 • Fort Myers Beach, FL 33931  
314.221.1800 • JimOS@Procon1-LLC.com**

**Comments from recent course attendees:**

**“Very knowledgeable . . .**

**. . . great operating experience.”**

**“Very enthusiastic.”**



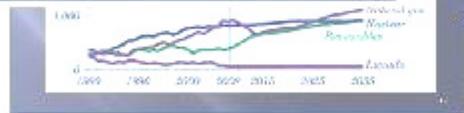
**J. E. O'Sullivan, PE**

## **About the Instructor**

J. E. (Jim) O'Sullivan, PE, developer and presenter of *The Nuclear Codes*, has 40 years' experience in design, construction, repair and modification of nuclear power plants. He is a member of several ASME Nuclear Code Committees, including Working Group Welding & Special Repair Processes, Subgroup Repair/Replacement Activities, and Section XI Standards Committee. His committee experience includes development of numerous Code Cases for underwater welding, weld overlays and welded rolled-plate repairs. He performed qualification testing and oversight of the world's first major wet underwater welded repair/modification of a nuclear reactor internal component, as well as of the first high-density polyethylene (HDPE) piping installation in a U.S. nuclear system.

Jim has authored and presented several technical papers and articles. His credentials include Instructor Certification for Technical Training, development of one of the first Engineering Task-Certification Programs to be accepted by the National Academy of Nuclear Training (INPO), and DDI Instructor Certification for an 80-hour Supervisory Leadership Training Program for power plant leaders.

**Riveting content delivered in a dynamic presentation style make this course uniquely educational . . . and unexpectedly enjoyable.**



**For further information, contact:**

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