ANS Membership Benefits – Professional Engineer Licensure and the ANS

What is it?
• Licensure from a governmental or delegated body to practice the profession of engineering
• Requirement of state law for offering engineering services to the public
• Legally defensible measure of engineering competence
• Certification of high ethical standards
• License and seal predicated on passing exams of the National Council of Examiners for Engineering and Surveying (NCEES)

Why do I want it?
• Nationally recognized proof of your credentials as an engineer
• Opportunity for higher salary
• Increases promotion potential with your employer
• Required if you are:
  o considering working as a consulting engineering in the future
  o pursuing a senior engineering position in the government
  o forming your own engineering firm in some states
  o acting as an expert witness in legal proceedings
• Sets you apart from peers without a P.E.
• Sense of accomplishment and affirmation of your skill set

Why does my employer want me to have it?
• Demonstrates ethics, competence, and capabilities of the company
• Allows bidding for government contracts
• Instills confidence in peers and the public
• Threshold for advancing highly competent employees

How do I get it? (Check your state licensing board for specific requirements)
1. Earn a minimum B.S. degree in engineering
2. Pass the Fundamentals of Engineering (FE) Exam (six hours, 110 questions)*
3. Gain acceptable engineering experience
4. Pass the Principles of Engineering (PE) Exam (eight hours, 85 questions)*
5. Apply for and maintain your P.E. license as required by your state board

*Both the FE and PE are computer-based exams offered by NCEES through Pearson VUE testing centers nationwide. Visit ncees.org for information and locations.

How ANS helps me get it?
• Study material available from ANS
  o In-depth look at the topical areas of the exam
  o Sample exam and practice questions
• Video series about registering and preparing for the exam (available for purchase in 2019)
• Networking with other licensed professionals and identifying potential references for licensure application

Information provided by the American Nuclear Society Professional Engineering Examination Committee –
A volunteer group of Nuclear P.E. licensees who maintain the ANS provided examination preparation materials and who work with NCEES to develop, review, and maintain the examination.