

How to Become a Certified Nuclear Professional

Friday, September 19



# **Speakers**

### Rebecca Steinman (Moderator)

Sr. Manager of Licensing, Constellation Energy Generation; Chair, ANS Certification and Workforce Development Committee

### **Ryan Bechtel**

Member, ANS Certification Subcommittee

### Joshua Vajda

Project Engineer, Oak Ridge National Laboratory; Chair, ANS Certification Subcommittee



### **CERTIFIED NUCLEAR PROFESSIONAL (CNP)**

## **Applicant Audience**

- Consultant Nuclear Safety
- Contractor
- Engineering Technologist
- Environmental Scientist
- Group Lead, Fusion Safety and Regulation
- Health Physicist
- Nuclear Expert
- Nuclear Facility Manager
- Nuclear Fuel Engineer

- Nuclear Reactor Supervisor
- Nuclear Unit Supervisor (SRO)
- Physics Manager
- Principal Engineer Discipline Lead
- Process Design Engineer
- Project Lead
- Radiographic Engineer
- Reliability Engineer
- Senior Communications Manager

- Senior Nuclear Operations Instructor
- Senior Project Manager, I&CNew Product Introduction
- Senior Research Scientist
- Students
- Supervisory General Engineer
- Technical Expert Nuclear Safety



# **Exam Eligibility Requirements**

- 1. Hold a high school diploma or GED equivalent as a minimum AND
- 2. Demonstrate completion of nuclear education or work experience, including:
- Two (2) years of nuclear on-the-job work experience OR
- Eighty (80) hours of continuing professional education that is offered by any professional entity if the education is directly related to the domains covered by the CNP exam OR
- Two (2) years of nuclear education completed at an associate-degree level or above.
  Alternative options also available.



### **Exam Testing Windows**

#### Fall 2025

Applications Open: Now - October 14

Testing Period: November 12 - December 16

### **Spring 2026**

Applications Open: January 13 - February 17

Testing Period: March 24 - April 22

### **Summer 2026**

Applications Open: May 18 - June 18

Testing Period: July 28 - September 1



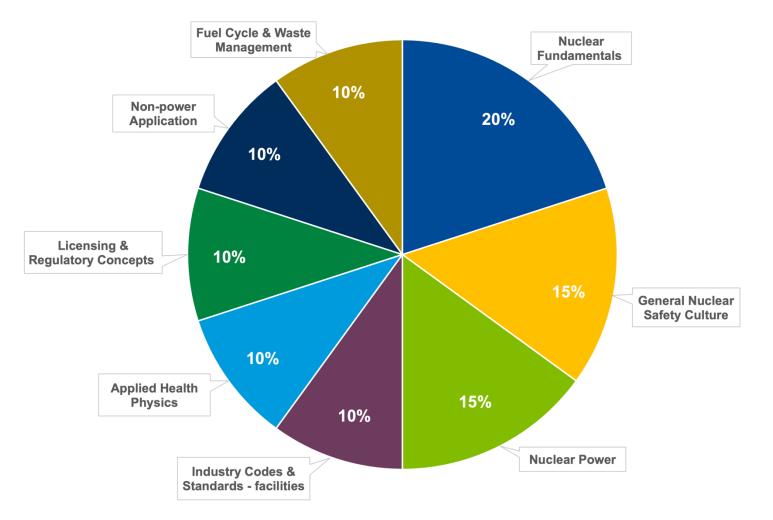
# Applying/Scheduling the Exam

- Apply online at ans.org/certification
- Fees: \$395 for ANS members/\$595 for nonmembers
- 7-14 business day application review period
- Once approved, schedule appointment at PearsonVue Testing Center
- Remote exam option to be launched next year



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### **Exam Content Outline**





- 100 questions including single-answer and variety of other question types
- May take up to 2.5 hours to complete



# Reference/Study Materials

#### **Textbooks**

- Fundamentals of Nuclear Science and Engineering, 3rd ed.
- Nuclear Energy: An Introduction to the Concepts, Systems, and Applications of Nuclear Processes, 7th ed.
- Nuclear Engineering: McGraw-Hill Series in Nuclear Engineering
- Radioactive Waste Management, 2nd ed.

#### **ANS Resources**

- ANS Nuclear 101 Certificate Course
- CNP Practice Exam (coming soon!)



# Reference/Study Materials (Cont.)

### U.S. Nuclear Regulatory Commission Code of Federal Regulations

- Appendix B to 10 C.F.R. Part 50 Quality assurance criteria for nuclear power plants and fuel reprocessing plants
- 10 C.F.R. § 50.55a Codes and standards
- 10 C.F.R. Part 52 Licenses, certifications, and approvals for nuclear power plants

### **U.S. Department of Energy Guidance**

Human performance improvement handbook (Vol. 1)



# **Maintenance Requirements**

Complete 36 hours of continuing education (CE) relevant to the CNP body of knowledge during the 3-year certification period; and

Submit a renewal application and pay the required fee (\$295 for ANS Members/\$495 for nonmembers); and

Reaffirm adherence to the ANS Code of Ethics and Respectful Behavior Policy







# Questions?

Learn more at ans.org/certification and contact us at certification@ans.org.