

PD635
ASME NQA-1 Quality Assurance Requirements for Nuclear Facility Applications

Day 1

Module 1: Overview of the ASME NQA-1 Standard

- ASME and its purpose and organization
- The scope of ASME codes and standards applicable to construction of pressure-retaining components in a nuclear power plant
- The purpose, organization and requirements of NQA-1 Quality Assurance for Nuclear Facility Applications

Module 2: ASME NQA-1 Part 1 Requirements 1-2

- Scope of Part I Criteria 1-2 of the NQA-1
- Examples of quality affecting activities under Requirements 1-2
- Who is responsible for specifying which requirements and who is responsible for implementation

Module 3: ASME NQA-1 Part 1 Requirements 3-6

- Scope of Part I Criteria 3-6 of the NQA-1
- Examples of quality affecting activities under Requirements 3-6
- Who is responsible for specifying which requirements and who is responsible for implementation

Day 2

Module 4: ASME NQA-1 Part 1 Requirements 7-12

- Scope of Part I Criteria 7-12 of the NQA-1
- Examples of quality affecting activities under Requirements 7-12
- Who is responsible for specifying which requirements and who is responsible for implementation

Module 5: ASME NQA-1 Part 1 Requirements 13-16

- Scope of Part I Criteria 13-16 of the NQA-1
- Examples of quality affecting activities under Requirements 13-16
- Who is responsible for specifying which requirements and who is responsible for implementation

Module 6: ASME NQA-1 Part 1 Requirements 17-18

- Describe the criteria 17-18 of the NQA-1 Standard contained in Part 1
- Explain the scope of application of requirement 17 of Part I for users
- Describe examples of audits in a nuclear facilities under the scope of Part 1
- Describe examples of quality affecting activities under the scope of Part 1 requirement 18
- Explain who is responsible for specifying what is covered under Criteria 18.

Day 3

Module 7: NQA-1 Part II

- Describe the basic differences in use of the Part II documents
- Describe examples of quality affecting activities under the scope of Part II being used today
- Explain who is responsible for specifying what documents are used from Part II.

Module 8: NQA-1 Part III

- Explain the scope of Part III
- Describe the main purpose of the PART III Nonmandatory Appendices and how are they different from the application documents in Part II
- Explain the three main sections of PART III and how are they different.

Module 9: NQA-1 Part IV

- Explain the scope of Part IV
- Describe the main purpose of PART IV documents
- Explain the main subjects covered by the Part IV Subparts
- Describe the information was used to develop the Part IV documents.

Module 10: ASME Section III use of NQA-1

- Describe the role of the NQA-1 Standard in nuclear construction and operation
- Describe how the NQA-1 Standard is used for work activity in accordance with Section III
- Explain the major topics (or activities) covered in the NCA 4134 Subsection as it relates to the NQA-1 Standard.