



EL520

ASME NQA-1 Quality Assurance Requirements for Nuclear Facility Applications

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

NQA Part 1 Requirements 1 – 8

- Scope of Part I Criteria 1 - 8 of the NQA-1
- Examples of quality affecting activities under Requirements 1 - 8
- Who is responsible for specifying which requirements and who is responsible for implementation

Module 3

ASME NQA-1 Part 1 Requirements 9 - 18

- Scope of Part I Criteria 9 - 18 of the NQA-1
- Examples of quality affecting activities under Requirements 9 - 18
- Who is responsible for specifying which requirements and who is responsible for implementation

Module 4

Part II Quality Assurance for Nuclear Facility Applications

- 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 5

Part III Nonmandatory Appendices

- 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 6

Part IV Nonmandatory Appendices & NQA in Section III Activity

- 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.