

Pre-requisites:

- ✓ Good knowledge of the English language
- ✓ Some knowledge about electrotechnical and quality engineering

Profile:

Project manager, Business manager, Engineer and manager of services such as manufacturing, design office, methods, qualification and quality.

Description:

AFCEN-accredited training, on each requirement of the RCC-E, with focus on qualification, manufacturing and modification activities related to Elements Important Protection (EIP).

Educational goals:

- Be able to understand the content of the RCC-E code.
- Be able to define the qualification limits and its sustainability,
- Be able to define nuclear requirements in a quality management system,
- Be able to identify accurately quality documents required for RCC-E,
- Be able to understand the electrical equipment environment, including installation rules, coordination and sizing.

**3 days**

**In our training
room or on your
premises**

**Max. 12 people****1ST DAY****2ND DAY****3RD DAY****MORNING**

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

- EIP Definition
- Safety classification and associated requirements
- Qualification for accidental conditions

- Supplier qualification and rules in probation phase
- Hardware engineering
- Control and test methods

AFTERNOON

- RCC-E organisation
- Architecture of electrical systems
- Engineering of I&C systems

- Management of a nuclear project
- Qualification sustainability
- Practical exercise on an AIP/QRA

- Electrical equipment installation rules
- Assessment of acquired knowledge by multiple choice questions (MCQ)