

**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 electrical material important to nuclear safety.

**Training 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 the requirements applicable to the manufacture of materials,
- 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****1<sup>ST</sup> DAY****2<sup>ND</sup> DAY****3<sup>RD</sup> DAY****MORNING**

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

- Safety classification and associated requirements
- Qualification for accidental conditions
- Software aspects of control and command

- Sustainability of qualification
- Records and traceability in manufacturing and control
- Monitoring by your customer

**AFTERNOON**

- RCC-E organisation
- Architecture of electrical systems

- Hardware aspects of control command
- Equipment engineering

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