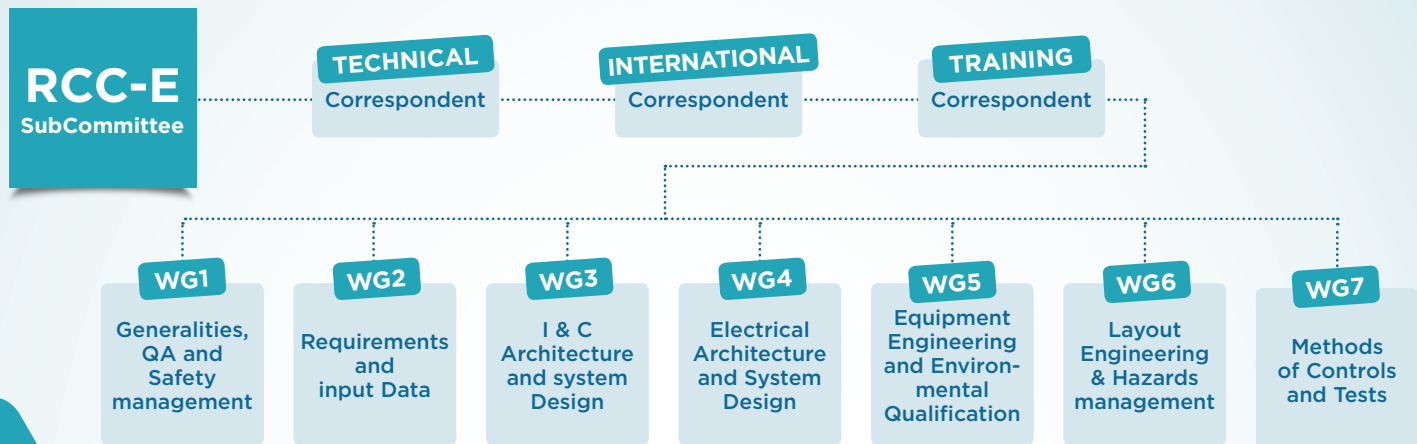


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About AFCEN Subcommittee RCC-E

Design and Construction Rules for Electrical and I&C Systems, Equipment and their Layout



Subcommittee organization

ABOUT 90 EXPERTS INVOLVED IN ONE AT LEAST OF THE 7 WORKING GROUPS:

- WG1: Safety, Quality and Surveillance management
- WG2: Input data and Requirements
- WG3: I&C systems and Architecture
- WG4: Electrical systems and Architecture
- WG5: Equipment engineering
- WG6: Layout Engineering and Hazards management
- WG7: Methods of controls and Tests

Available editions

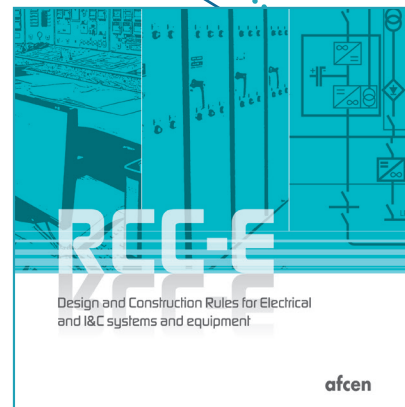
- RCC-E 2005 has been used for: UK EPR GDA and FA3 EPR, EPR-TSN, EDF Fleet
- RCC-E 2012: may be used for UKEPR, new projects
- RCC-E 2016

Future Developments Lessons learned

TO PREPARE RCC-E 2019:

This Code is to be used for **next generation of PWR**.

We organize the specifications per engineering field: **Architecture and system design, Equipment engineering, Layout engineering and surveillance.**



RCC-E ELECTRICAL AND I&C SYSTEMS

We incorporate the **feedback of Fukushima** accident (e.g., design extension, mobile means), evolution of **IAEA requirements** (SSR2/1, GSR Part 2), **WENRA recommendations** and **GEN 3 feedback** experience.

To increase international opening and participation by setting up of national Code user groups from UK and China.

RCC-E 2016 Edition - Content

- VOLUME I : General and Quality Assurance
- VOLUME II : Specification of needs
- VOLUME III : Automation and Control Systems
- VOLUME IV : Electrical system
- VOLUME V : Equipment engineering
- VOLUME VI : Layout of electrical and instrumentation and control systems
- VOLUME VII : Inspection and test methods

Appendices : Book of Project Data, List of standards, Nuclear management system

Subcommittee Chair

Pierre CHAMPEIX
STEERING COMMITTEE CHAIRMAN

Jimmy LORANGE
STEERING COMMITTEE DEPUTY CHAIRMAN

Benedict John WILLEY
STEERING COMMITTEE DEPUTY CHAIRMAN

Pierre DIAKONOFF
TRAINING CORRESPONDENT

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