AFCEN nuclear codes for Civil Works (ETC-C and RCC-CW) : general introduction

EN BREF

RCC-CW codes are published by AFCEN. RCC-CW codes (Rules for design and construction of PWR nuclear civil works) are used to design and build the civil structures of nuclear power plants.
RCC-CW was published in 2010 and 2012 as ETC-C for EPR nuclear power plant. The most recent RCC-CW editions (2015 to 2019) can be applied to PWR projects.
This training session explains the objectives and the applicability of a nuclear code for civil works and give an overview of the content of the RCC-CW.

The course is delivered in English.

CETTE FORMATION S'ADRESSE À

Senior Civil Engineer, Structural Engineer or Project Manager who intend to work on a nuclear project and who want to understand the purpose of a nuclear code for civil works and who want to have an overview of its content.

PRE-REQUIS

Pre-requisites : This one day training “general introduction” is recommended to attend ETC-C and RCC-CW “design” and “construction” courses.

INFORMATIONS PRATIQUES

Date : le 29 septembre 2020 - Durée : 1 jour (7 heures)
Tarif : 960,00 € HT + TVA (Déjeuner inclus)
Lieu : France Paris

COORDINATION

Alexandre BOULE, Ingénieur Matériaux de Génie Civil, EDF – DIPNN Dir Industrielle

PROGRAMME DÉTAILLÉ ET HORAIRES

MARDI 29 SEPTEMBRE

9h00
Alexandre BOULE, EDF DIPNN Dir. Indust.
Introduction to the training session
Around the table

9h30
Claude DUVAL, EDF DIPNN Dir. Indust.
Presentation of AFCEN :
- organization, members
- AFCEN CW codes and publications

10h30
Jean-François SIDANER, Consultant
General introduction to the RCC-CW/ETC
- main objectives and relevant structures
- the 3 parts
- links with the safety report
- differences with traditional codes
- others codes (ASMES, etc...)

MARDI 29 SEPTEMBRE

13h30
Alexis COURTOIS, EDF DIPPN Dir. Tech.
Design and Design extension

14h30
Alexandre BOULE
Construction part :
- geotechnical part
- concrete
- reinforcement and prestressing system
- joints, concrete pipes

15h45
Claude DUVAL
Metal part :
- anchorages, steel liners

Fin de la journée à 17h00