

TITLE: Civil Engineer – Nuclear Buildings		CCS-010
REPORTS TO LINE MANAGER: Group Leader of the Nuclear Buildings, Civil Construction and Site Support Office (CCS)		
DIRECT EMPLOYMENT: NOT REQUIRED		GRADE RANGE: P3-P4
Date Written: March 2007	Date Revised: July 2007	Date Revised:

Purpose:

- To support the Group Leader of the Nuclear Buildings in all matters related to civil engineering of nuclear, seismically qualified buildings, including hot cell (B21); low level radioactive waste (B23); and emergency power supply (B41) buildings;
- To assist in defining and documenting the interfaces between these buildings and the technical systems contained inside.
- To provide assistance and guidance to the Architect Engineer (AE) responsible for detailed design and layout of such nuclear buildings;
- To provide technical support to the civil and mechanical construction contractor and to manage cost effective implementation;
- To assist the CCS to liaise with the European Legal Entity in matters of civil engineering during construction.

Major Duties/Responsibilities:

- Supports the CCS in all matters related to civil engineering and construction activities for the certain nuclear buildings;
- Reports the work scope, schedule, and .cost information to the CCS in support of the Project Office reporting, on a monthly basis;
- Assists in coordinating the technical interface between the on-site construction and the technical subsystem responsible officers;
- Monitors the contractors Quality Assurance (QA) and Safety program with the AE and subcontractors;
- Maintains interface documentation and keeps it up to date;
- Is responsible for change control for the civil engineering of nuclear buildings;
- Compiles the relevant data for technical design changes, costs and schedules, and reports on any variances;
- Identifies risks and manages them;
- Manages the change control process for his/her scope of work and communicates changes to the Project Office.
- Guarantees integration with other technical interfaces;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

Qualifications and skill required:

- **Education:**
 - Degree in Civil or Structure Engineering.
- **Experience:**
 - At least 10 years experience in design and/or construction of large technical or science facilities, and in particular, in the successful licensing and completion of large nuclear facilities in Europe;
 - Expertise in interface management with technically complex system;
 - Knowledgeable in permitting procedures and legal environmental requirements in construction;
 - Excellent safety record on previous construction jobs;
 - Experience in project management and the use of modern management tools;
 - Experience in effective (QA) management and implementation. Possibility of staying in the project more than 5 years.
- **Language requirements:**
 - Good knowledge of written and spoken English.

Work Direction and Interfaces:

- Reports to the Group Leader of the Nuclear Buildings;
- Interfaces with all technical division to support effective integration of systems involved, with the construction design team on building requirements;
- Interfaces with the construction manager on cost effective implementation and with domestic authorities on permits and environmental impact;
- Implements and enforces the ITER QA program;
- Monitors labour relations with civil construction workforce, reviews the ITER safety program on the construction site.

Authority/Approval Levels:

This position has authority and approval levels generally defined by the Head of the CCS for his/her scope of work.

Measures of Effectiveness:

- Successfully manages interface between technical system leaders and the design team for civil engineering of the nuclear buildings.
- Develops and maintains interface documentation;
- Successfully manages budgets for the civil construction of nuclear buildings;.
- Successfully manages interface with the AE and the European Legal Entity.