

Title: Leader of the Hot Cell & Radwaste Service Integration Group		CEP 023
Central Engineering and Plant Support		
Reports to Line Manager: Director of Plant Engineering Division		
DIRECT EMPLOYMENT: NOT REQUIRED	GRADE RANGE: P3 ~P5	
Date Written:	Date Revised:	Date Revised:

Purpose:

Leader of the Hot Cell & Radwaste Service Integration Group.

Major Duties/Responsibilities:

- Coordinate the activities of the ITER International Team Hot Cell & Radwaste Service Integration Group by integrating the ITER Hot Cell systems provided by different ITER Groups, i.e.: Hot Cell Remote Handling systems, Heating, Ventilation and Atmosphere Clean-up systems, radiation monitoring & instrumentation, controlled personnel access, building and structures, site services, fire fighting systems, radwaste processing, active drains system, services control system, etc.
- Interface with the Hot Cell Services Group and the Hot Cell Radwaste Group.
- Support the Hot Cell & Waste Processing Division Leader by providing regular and ad-hoc status and summary information, by assisting in the overall planning of activities.
- Definition and management (including writing of technical specifications) of design, R&D tasks and manufacture for contracts assigned to ITER Parties' Associations and Industry.
- Ensure the standards of procurement specifications, procurement liaison/monitoring, acceptance testing, installation, commissioning, operation and maintenance of all the systems required for the correct and safe running of the ITER Hot Cell facility.
- Participate in the design review process of all ITER systems with a Hot Cell systems interface.
- To provide all Hot Cell system inputs necessary to compose the Integrated Project Schedule and ensure that Hot Cell & Radwaste Service Integration Group activities are implemented in concert with it.
- Review and maintain the Project Integration documents referring to the systems under his/her responsibility.

Qualifications Required:

- University degree (preferably higher) in engineering, technology or equivalent.
- At least 10 years of technical and managerial experience in the field of fusion and/or nuclear devices.
- At least 5 years management experience leading a multi-disciplinary team.
- Extensive knowledge of radiation protection norms and radiation monitoring technology, radiation shielding, of norms (French norms preferred) for the building and operation of nuclear facilities, of norms for the design of tritium compatible ventilation and clean-up systems, of norms for processing and disposal of radwaste.
- Operating experience on large tokamaks or complex nuclear device.
- Good experience in the design, analysis and integration of plant services for fusion and/or nuclear devices.
- Specialist knowledge and experience of working with tritium.
- Good experience in preparing and monitoring design, research and/or manufacturing contracts in an international environment.
- Good knowledge of the English language, both written and spoken.

The following optional qualifications will be considered an advantage:

- Good knowledge of the ITER Project and of the design and functions of the ITER Hot Cell and associated systems.
- Good experience in the design of hot cells and related site services systems.
- Good knowledge of French standard/regulations relevant for to the design of safety relevant components and systems.
- Proven ability to work effectively in a multi-cultural environment.

Work Direction and Interfaces:

- Reports to the Director of Plant Engineering Division. Interfaces with other ITER Project Office as required.
- Maintains communications with other organizations within the ITER collaboration and the fusion community.

Authority/Approval Levels

Has authority and approval levels generally defined by the DDG for his/her scope of work.

Measures of Effectiveness:

- Successfully communicates with the ITER machine components designers to optimize both component and remote maintenance equipment design and performance.
- Successfully communicates with other organizations within the ITER collaboration and the fusion community.
- Successfully supports the Plant Engineering Division colleagues.
- Effective assessment cost and cost variations compared to the Project Systems' Cost Baseline.
- Successful completion of the tasks assigned under "Main Duties / Responsibilities" above.