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JOB DETAIL

Ref. IO1101 - 11/10/2010

System Integration Responsible Officer - CEP 032

Main job	Generalist
Department	DIP/Directorate for Central Engineering & Plant
Division	CEP / Fuel Cycle Engineering Division
Section	CEP / FCE / Tritium Plant Section
Job Family	Project engineering
Application Deadline	12/12/2010
Grade	P4
Direct employment	Required
Purpose	<p>To act as responsible officer in support of the Fuel Cycle Engineering Division (FCED) and the Tritium Plant Section through the development of detailed design guidelines, performance specifications, and safety, security, and quality standards.</p> <p>To ensure the application of all technical rules, safety and security guidelines and quality management throughout the procurement of FCED components and systems.</p> <p>To support the FCED Head and Section Leaders in all aspects relating to budgeting, scheduling and planning activities.</p> <p>To coordinate Fuel Cycle systems integration issues through the Fuel Cycle Integrated Project Team (FC-IPT), specifically in areas relating to safety, security, quality assurance (document control, codes and standards) and Near Term Work Planning (schedules and resources) and to serve as the Technical Responsible Officer (RO) for Tritium Plant systems (Tokamak Exhaust Processing, Storage and Delivery System).</p>
Main duties / Responsibilities	<ul style="list-style-type: none"> - Develops FCED safety design requirements Rapport Préliminaire de Sécurité follow-up, HAZOP studies (including confinement for all ITER systems), licensing, guidelines, and standards; - Oversees the further detailing of FCED security and sensitive information handling requirements and guidelines; - Supports Fuel Cycle systems integration through FC-IPT; - Develops the FCED Quality Management Plan, including document control, codes and standards; - Collaborates with other ITER Groups on tritium related issues; - Develops procurement and installation schedules and procedures; - Oversees interfaces issues within the Fuel Cycle Systems; - Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.
Measures of effectiveness	<ul style="list-style-type: none"> - Prepares high-quality design guidelines and technical rules in a timely manner; - Successfully manages systems' interface issues within the FCED and the Tritium Plant; - Successfully builds-up and executes all functions as described above.
Level of study	PhD or equivalent degree
Diploma	Science, Engineering or other relevant discipline.
Level of experience	At least 10 years
Technical experience	<ul style="list-style-type: none"> - At least 10 years of experience in R&D, design, commissioning and/or engineering of nuclear facilities; - Demonstrated experience with the design, operation, licensing and/or start up of large inventory nuclear facilities; - Demonstrated experience in the design and safe handling of tritium and/or other hazardous/radioactive materials on an industrial scale is preferred; - Demonstrated experience in safety, design codes and standards and in quality assurance policies and

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procedures;
– Prior experience with major items of equipment purchasing, facility design, permitting procedures and construction is preferred.

Project experience 2 to 4 years

Social skills Ability to work effectively in a multi-cultural environment
Ability to work in a team and to promote team spirit

General skills Cobra
MS Office professional (Access, Project, Publisher, Visio)
SAP

Specific skills – Demonstrated capability in coordinating the tasks of team members for a large-scale project is required.

Languages English (Working)
French (Working)

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