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JOB DETAIL

Ref. IO1748 - 8/12/2016

Hot Cell Complex Design Engineer - PED-054

Main job	Design
Department	PED / Plant Engineering Department
Division	PED / Remote Handling & Radioactive Materials Division
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	09/25/2016
Grade	P3
Direct employment	Required
Purpose	<p>-To be responsible for the design of the layout of the ITER Hot Cell Complex, including considerations of functional and safety optimization, accident analysis of the facility and associated documentation in support of future presentations to the French Nuclear Regulator.</p> <p>-The design activities includes many simultaneous optimizations including safety, remote maintenance efficiency, waste treatment, building design and cost containment, at the same time following best safety practices in nuclear facilities in France.</p>
Main duties / Responsibilities	<p>-Manages the physical layout of all processes within the Hot Cell Complex, including Remote Handling, Radwaste, Air Detritiation and Port Plug Test Facility;</p> <p>-Ensures the building layout meets the required functions of the Facility with respect to safety, function and cost containment;</p> <p>-Responsible for the safety and accident analysis of the processes and the building systems and associated documentation in preparation for future presentation to the French Nuclear Regulator;</p> <p>-Manages the support provided for the licensing activities in close collaboration with the Safety Department;</p> <p>-Provides nuclear safety and design support to the Remote Handling and Radioactive Materials (RHRM) Division and Plant Engineering Department;</p> <p>-Develops the required functional, operating and safety documentation procedures for the Remote Handling and Radwaste Treatment and Storage system in the Hot Cell & Radwaste facilities in close collaboration with the involved interfaces;</p> <p>-May be requested to be part of any of the project team and perform other duties upon management request;</p> <p>-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Special notice: May be requested to work on beryllium-containing components. In this case, you will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Full training and support will be provided by the ITER Organization.</p> <p>-Reports to the Head of the Remote Handling and Radioactive Materials Division;</p> <p>-Interacts regularly with the Safety Department;</p> <p>-In response to requests from the Director-General or Plant Engineering Department Head, or proactively, informs the Director-General or Plant Engineering Department Head of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p>
Measures of effectiveness	<p>-Completes the safety and design integration activities in a timely manner and within the defined cost;</p> <p>-Assures that ITER Organization's (IO) goals are achieved in a timely and effective manner, which meets safety, quality, cost and schedule targets;</p> <p>-Produces the necessary safety files according the approved schedule;</p> <p>-Optimizes the Hot Cell Complex facility design with respect to safety, function and cost;</p>

My space

 See jobs

My job alert

-Enhance the facility performance or reduce the facility costs while keeping the technical and safety requirements;
-Provide efficient and timely support to the Remote Handling and Radioactive Materials Division safety and design integration activities.

Project Construction Phase
SAP ID: 50001111

Level of study	Master or equivalent degree
Diploma	Nuclear engineering field
Level of experience	At least 8 years
Technical experience/knowledge	<p>-Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree;</p> <p>-Expert knowledge and practical experience in nuclear, mechanical, process and radiation protection fields.</p> <p>-At least 8 years of experience in the field of nuclear safety and engineering, international experience would be an advantage;</p> <p>-Significant experience in the field of nuclear fission and/or fusion installations;</p> <p>-Significant experience in the safety integration and procurement of large and complex systems an facilities;</p> <p>-Significant experience in nuclear safety and accident analysis, and associated documentation in both French and English;</p> <p>-Good experience in complex and multidisciplinary projects.</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to work in a team and to promote team spirit</p> <p>Good negotiation skills</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	-Ability to negotiate with influence and convince internal and external stakeholders.
Languages	English (Fluent)

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