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JOB DETAIL

Ref. IO1686 - 4/14/2016

Hot Cell Engineer PED-045

Main job	Nuclear Power
Department	PED / Plant Engineering Department
Division	PED / Remote Handling & Radioactive Materials Division
Job Family	Engineer - 1
Application Deadline (MM/DD/YYYY)	05/15/2016
Grade	G6
Direct employment	Required
Purpose	- To contribute to the design, integration, safety, assembly, installation, commissioning and operation of the ITER Hot Cell Complex, including the Remote Handling and Radwaste Systems contained within. The Hot Cell Complex includes the Hot Cell and Radwaste Facilities and the Personnel Access Control Building.
Main duties / Responsibilities	<div>- Manages technical design issues with respect to the Hot Cell and Radwaste Building designs, include confinement and shielding doors, cranes, trolleys, ventilation, etc.;</div> <div>- Provides support to the interface of ITER with the French Authorities and with the French Disposal Facilities to which all ITER Radwaste will eventually be transported;</div> <div>- Supports the licensing activities in close collaboration with the Safety Department;</div> <div>- Establishes and updates the required baseline documentation and the design, interfaces, procurement, assembly, commissioning and operation technical documentation;</div> <div>- Supports the required safety documentation and operating procedures for the Remote Handling and Radwaste Treatment and Storage system in the Hot Cell &amp; Radwaste facilities in close collaboration with the involved interfaces;</div> <div>- Performs other duties linked to the above purpose upon management request, as necessary;</div> <div>- May be requested to be part of any of the project team and performs other duties upon management request;</div> <div>- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</div> <div>- Reports to the Head of the Remote Handling and Radioactive Materials Division;</div> <div>- 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.</div>
Measures of effectiveness	<div>- Completes the design activities and procurement in a timely manner and within the defined cost;</div> <div>- Enhances the system performance or reduce the system costs while keeping the technical and safety requirements;</div> <div>- Provides efficient and timely support to the Remote Handling and Radioactive Materials Division integration activities</div> <div>Project construction phase</div>
Level of study	Master or equivalent degree
Diploma	nuclear eng. field or other relevant discipline
Level of experience	At least 5 years
Technical experience/knowledge	<div>- At least 5 years of experience in the field of nuclear engineering, mechanical, process, radiation protection, remote handling, tritium handling, radwaste fields;</div> <div>- Experience in the integration and procurement of large and complex systems and facilities, if possible within an international environment.</div> <div>- Good experience in complex and multidisciplinary</div>

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	projects.
Social skills	Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit
Specific skills	CATIA MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	- Knowledge of MS Office standard (Word, Excel, PowerPoint, Outlook) is required; - Design experience with CATIA and/or AVEVA would be an advantage.
Languages	English (Fluent)

For more information about ITER, visit our web site : <http://www.iter.org>