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## JOB DETAIL

Ref. IO1981 - 4/27/2018

### Radwaste Responsible Officer - PED-027

<b>Main job</b>	Nuclear Power
<b>Department</b>	PED / Plant Engineering Department
<b>Division</b>	PED / Remote Handling & Radioactive Materials Division
<b>Section</b>	PED/ RHRM/ Hot Cell & Rad-waste Section
<b>Job Family</b>	Coordinating Engineer
<b>Application Deadline (MM/DD/YYYY)</b>	06/10/2018
<b>Grade</b>	P4
<b>Direct employment</b>	No
<b>Purpose</b>	<p>To perform design activities of the ITER Radwaste process and to integrate the process systems into the ITER buildings, for Very Low Level, Low Level, Intermediate level wastes, Tritiated and Berylliated waste.</p> <p>To perform benchmarking, cost benefit analyses, market survey and to lead waste management contracts.</p>
<b>Main duties / Responsibilities</b>	<ul style="list-style-type: none"><li>• Leads the design activities for the Radwaste process, in particular the functional and flow analyses from the waste producer to the final depository;</li><li>• Leads the cost optimization of the Radwaste process, delaying as much as possible the investment cost, but with an appropriate balance between investment cost and operational cost;</li><li>• Leads the schedule of the design, procurement and commissioning, taken into account the budget constraints, the safety requirements, the regulation and all administrative procedures for radioactive waste management;</li><li>• Participates to the integration and the general arrangement of the Hot Cell Complex;</li><li>• Performs benchmarking, cost benefit analyses and market survey, aiming to use external services when it is feasible and cost effective;</li><li>• Establishes the technical specification, manages bidding processes and follows up the contracts of waste management;</li><li>• Develops the required safety documentation and elaborates procedures for operations;</li><li>• Manages interfaces, in particular with the building and utilities;</li><li>• Participates to the ITER Hot Cell Complex assembly, installation, commissioning and operation;</li><li>• Contributes to the interface of ITER with the French Authorities and with the French Disposal Facilities to which all ITER waste will eventually be transported;</li><li>• Communicates and collaborates with the ITER Environmental Protection &amp; Nuclear Safety Division to facilitate the licensing process and provides technical support for the definition and update of safety interfaces;</li><li>• Provides the Section's technical document management and participates in preparing or updating its baseline documentation;</li><li>• Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;</li><li>• May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays.</li></ul>
<b>Measures of effectiveness</b>	<ul style="list-style-type: none"><li>• Reports to the Hot Cell and Radwaste Section Leader;</li><li>• 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:</li><li>• Complete the design activities and procurement in a timely manner and within the defined cost;</li><li>• Enhance the system performance or reduce the system costs while keeping the technical and safety requirements;</li><li>• Provide efficient and timely support to the Remote Handling and Radioactive Materials Division integration activities.</li><li>• Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics;</li><li>• May be requested to be part of any of the project/construction teams and to perform other duties in support of the project schedule.</li></ul>

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SAP Id: 50003882

<b>Level of study</b>	Master or equivalent degree
<b>Diploma</b>	Nuclear engineering or other relevant discipline
<b>Level of experience</b>	At least 10 years
<b>Technical experience/knowledge</b>	<p>At least 10 years' work experience in the field of nuclear engineering and radioactive waste management;</p> <p>Experience in nuclear safety analysis and in writing technical documents;</p> <p>Extensive knowledge of the industrial market and the constraints to be considered for the final depository;</p> <p>Significant experience in the integration and procurement of large and complex nuclear systems;</p> <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>Knowledge of Tritium and Beryllium aspects would be an advantage,</p> <p>Experience in management of nuclear "exotic waste" would be an advantage,</p> <p>Good experience in complex and multidisciplinary projects.</p>
<b>Social skills</b>	<p>Ability to work effectively in a multi-cultural environment</p> <p>Ability to communicate effectively</p> <p>Ability to hold and respect deadlines</p>
<b>Specific skills</b>	MS Office standard (Word, Excel, PowerPoint, Outlook)
<b>General skills</b>	<p>Ability to work effectively in an international environment;</p> <p>Ability to facilitate dialogue with a wide variety of contributors and stakeholders;</p> <p>Ability to adjust communication content and to negotiate with influence and convince internal and external stakeholders;</p> <p>Ability to persist in the face of challenges to meet deadlines with high standards;</p> <p>Ability to model high standards of team mindset, trust, excellence, loyalty and integrity.</p>
<b>Others</b>	<p>Microsoft Office suite;</p> <p>CATIA V5 and/or AVEVA would be an advantage.</p>
<b>Languages</b>	English (Fluent)

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