

IO1654 Hot Cell & Maintenance Nuclear Engineer - PED-046

General information

Job category	Standard
Status	Published
Department	PED / Plant Engineering Department
Division	PED / Remote Handling & Radioactive Materials Division

Job description

Main job	Engineering - Nuclear Power
Title of the position	Hot Cell & Maintenance Nuclear Engineer - PED-046
Job family	Engineer - 2
Grade	P3
Direct employment	Required
Purpose	<p>To contribute to the 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.</p>
Main duties / Responsibilities	<p>Participates in external Research & Development (R&D), performs design, integration, safety, procurement, assembly and installation, Commissioning & Operation of the ITER Hot Cell Remote Handling Systems;</p> <p>Participates in external R&D, performs design, integration, safety, procurement, assembly and installation, Commissioning & Operation of the ITER Radwaste Treatment and Storage systems;</p> <p>Solves technical issues with respect to the Hot Cell and Radwaste Building designs, include confinement and shielding doors, cranes, trolleys, ventilation, etc.</p> <p>Contributes to the interface of ITER with the French Authorities and with the French Disposal Facilities to which all ITER Radwaste will eventually be transported;</p> <p>Supports the licensing activities in close collaboration with the Safety Department;</p> <p>Establishes and updates the required baseline documentation and the design, interfaces, procurement, assembly, commissioning and operation technical documentation;</p> <p>Develops the required safety documentation and operating 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>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>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>May be requested to be part of any of the project team and performs 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>Capacity to work on beryllium-containing components, following the established ITER Beryllium Management Program for working safely with beryllium.</p>
Measures of effectiveness	<p>Reports to the Head of the Remote Handling and Radioactive Materials Division;</p> <p>In response to requests from the Director-General and/or Plant Engineering Department Head, or proactively, informs the Director-General and/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> <p>Completes the design activities and procurement in a timely manner and within the defined cost;</p> <p>Enhances the system performance or reduce the system costs while keeping the technical and safety requirements;</p> <p>Provides efficient and timely support to the Remote Handling and Radioactive Materials Division integration activities.</p>

Applicant criteria

Level of study	Master or equivalent degree
Diploma	Nuclear engineering field or other discipline
Level of experience	At least 8 years
Technical experience/knowledge	Education in a nuclear engineering field or other relevant discipline, e.g. remote handling, tritium handling, etc.
	Good knowledge and practical experience in nuclear, mechanical, process, radiation protection, remote handling fields;
	At least 8 years of experience in the field of nuclear engineering, international experience would be an advantage;
	Significant experience in the field of Hot Cells and/or Radwaste Processing.
	Significant experience in the integration and procurement of large and complex systems an facilities.
	At least 6 years' experience in complex and multidisciplinary projects.
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
General skills	Ability to negotiate with influence and convince internal and external stakeholders.
Languages	English (Fluent)