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JOB DETAIL

Ref. IO1926 - 12/15/2017

Radiation Protection Officer SD-024

Main job Nuclear Safety

Department SD/ Safety Department

Division SD / Environmental Protection & Nuclear Safety Division

Section SD / EPNS / Safety Analysis & Assessment Section

Job Family Engineer - 1

**Application Deadline
(MM/DD/YYYY)** 01/28/2018

Grade P2

Direct employment Required

Purpose To ensure the definition, the propagation, the coordination and the surveillance of the implementation of radiation protection provisions in respect with regulator's requirements..
To validate and ensure the propagation of the input data used in safety case and radiation protection activities into the design, construction and operation.
To ensure interfaces with the ITER technical responsible officers and Domestic Agencies.

-In close collaboration with the other stakeholder, in particular the Nuclear Integration Unit:

*As radiation protection officer, performs specific safety analyses with regards to the radiation protection provisions to be designed, implemented and controlled for the workers protection with regards to worksite activities;

*Develops and provides the radiation protection analyses and documentation needed to fulfill the regulator's requirements (technical prescriptions, radiation protection files....);

*Controls and ensures the coordination of activities related to the implementation of the radiation protection principle for all ITER activities likely to create ionizing doses for the personnel, including for the construction activities and radiography testing,

*Performs, checks or coordinates the safety calculations needed for specific licensing files related to radiation protection, radioactive releases or radiological consequences.

Main duties / Responsibilities -Monitors the planning, execution and integration of activities responding to the requirements and commitments of/to the French nuclear safety authorities during the licensing process, e.g. those related radiation protection (including ALARA and maintenance), radioactive or toxic releases management, and environmental monitoring;
-Is responsible for the surveillance of safety related components and systems as safety responsible officer for radiation protection, ensuring the application of the French Nuclear Facility order for the design, manufacturing, construction, installation, commissioning or operation of specific systems;
-May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays;

-Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
-Performs other duties in support of the project schedule;
-Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.

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. Training and support will be provided by the ITER Organization.

Measures of effectiveness -Reports to the Safety Analysis & Assessment Section Leader;
-Maintains communications with other organizations within the ITER collaboration;
-In response to requests from the Director-General/ Safety Department Head or proactively, informs 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.

-Provide results in the resolution of safety issues in the

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field of radiation protection (including ALARA and maintenance), radioactive releases, environmental monitoring within the defined deadline;
 -Prepare accurate and relevant responses to the nuclear safety authorities related to the technical issues of the scope of activities;
 -Ensure a proper integration of safety requirements for the defined scope of activities;
 -Ensure an effective procurement follow-up regarding safety aspects;
 -Develop and maintain trustworthy, up to date information out of the project management tools and documentation;
 -Develop open and confident relationship with all the stakeholders through complete and transparent information exchange;
 -Define effectively priorities of activities under the scope of responsibilities.

Project Construction Phase

Level of study	Master or equivalent degree
Diploma	safety field or radiation protection
Level of experience	At least 5 years
Technical experience/knowledge	<p>-At least 5 years of experience in safety related to radiation protection topics for nuclear facilities (design, commissioning, construction, radiography testing, operation), or for the assessment of these facilities, including an in-field experience; -Experience in performing calculations in the domains of radiation protection, radioactive releases, radiological consequences, -Good experience either in a large nuclear project or be specialist of the technical field of radiation protection; -Knowledge in the application of French regulations that apply for radiation protections; -Knowledge in the commissioning and operation of the components needed to perform the radiation protection or radioactive monitoring functions; -Ability to have an interrogative attitude to safety problems, a prudent approach to safety questions and are able to communicate and carefully listen to different opinions;</p>
Social skills	<p>Ability to work effectively in a multi-cultural environment Ability to work in a team and to promote team spirit</p>
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
General skills	<p>-Ability to dialogue with a wide variety of contributors and stakeholders, adjusting communication content and style to deliver messages; -Analyze multiple and diverse sources of information to define problems and issue analyses accurately; -Ability to persist in the face of challenges to meet deadlines with high standards; -Ability to apply high standards of team mind-set, trust, excellence, loyalty and integrity.</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; -Experience in coordinating and organizing the work done by multiple contributors of different cultures; -Basic Project Management experience or skill is required; -Experience with writing technical / scientific reports is desirable.</p>
Languages	<p>English (Fluent) French (Fluent)</p>

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