

Job Title: Radiation Protection Officer IO0759

Requisition ID **4660** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Safety and Security - New Posting**

The ITER Organization brings together people from all over the world to be part of a thrilling human adventure in southern France—building the ITER Tokamak. We require the best people in every domain.

We offer challenging full-time assignments in a wide range of areas and encourage applications from candidates with all levels of experience, from recent graduates to experienced professionals. Applications from under-represented ITER Members and from female candidates are strongly encouraged as the ITER Organization supports diversity and gender equality in the workplace.

Our working environment is truly multi-cultural, with 29 different nationalities represented among staff. The ITER Organization Code of Conduct gives guidance in matters of professional ethics to all staff and serves as a reference for the public with regards to the standards of conduct that third parties are entitled to expect when dealing with the ITER Organization.

The south of France is blessed with a very privileged living environment and a mild and sunny climate. The ITER Project is based in Saint Paul-lez-Durance, located between the southern Alps and the Mediterranean Sea—an area offering every conceivable sporting, leisure, and cultural opportunity.

To see why ITER is a great place to work, please look at this video

Application deadline: 07/11/2021

Domain: Director-General

Department: Safety & Quality

Job Family: Project Support

Job Role: Project Coordinator – 2

Job Grade: P2

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

In this role, you will ensure the definition, propagation, coordination and surveillance of the implementation of the radiation protection provisions as per the regulatory requirements.

A key part of your role will be to validate and ensure the propagation of the input data used in safety cases and radiation protection activities into the design, construction and operation of ITER site facilities

Background

The Radiation & Beryllium Safety Group (RBSG) is part of the IO Safety & Quality Department and is in charge of the radiation protection of the workers, the public and nuclear safety related equipment (including electronics). The group is also in charge of the protection of the workers and the public against the danger arising from non-radioactive Beryllium exposure.

Key Duties, Scope, and Level of Accountability

- Acts as Radiation Protection Advisor / Officer within the Radiation Protection Competent Entity as per French Regulation (“Pôle de Compétences en Radioprotection”);
- Manages activities linked to the use of ionizing sources and radiographic equipment with ITER staff, external workers and regulators;
- Develops and provides the radiation protection analyses and documentation needed to fulfill regulatory requirements (technical prescriptions, radiation protection files....);
- Controls and coordinates activities related to the implementation of the radiation protection principles for all ITER activities likely to create ionizing doses for the personnel, including for 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;
- Monitors the planning, execution and integration of activities responding to the requirements and commitments to the French nuclear safety authorities during the licensing process, e.g. those related to 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, ensuring the application of the French Nuclear Facility order for the design, manufacturing, construction, installation, commissioning or operation of specific systems;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, weekends and public holidays. In particular, activities linked to Radiographic Tests performed on site may require night work and on-call availability.

Note: 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.

Measure of Effectiveness

- Provides accurate and timely results when resolving safety issues in the field of radiation protection (including ALARA and maintenance), radioactive releases, environmental monitoring to minimize any delays;
- Prepares accurate and relevant responses to the nuclear safety authorities related to the technical issues of the scope of activities;
- Ensures compliance with the regulations for Radiographic Test activities;
- Ensures proper integration of safety requirements for the defined scope of activities;
- Develops open and confident relationships with all stakeholders through complete and transparent information exchanges;
- Effectively manages one's own time and prioritizes activities according to project requirements.

Experience & Profile

- **Professional Experience:**
 - Minimum 5 years' 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 in-field experience within nuclear facility and ideally in international environments;
 - Ability to obtain and maintain a French security clearance on a justified need-to-know basis is required.
- **Education:**
 - Master's degree or equivalent in Safety, or Radiation Protection;

- The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains;
- A valid certificate of “Radiation Protection Competent Person” delivered by external organism as per articles R. 4451-112 to 125 and R. 4724-1 of the Labor Code and R. 593-112 of the Environmental Code would be an advantage.
- **Language requirements:**
 - Fluent in English (written and spoken);
 - Working knowledge of French (written and spoken).
- **Technical competencies and demonstrated experience in:**
 - Safety, security, environment, laws, standards, methods and practices: Knowledge of requirements for standards, methods and practices;
 - Specialized domains of work and technical expertise: Radiation Protection (knowledge of applicable regulations, knowledge or background in commissioning or operations of radiation protection components and systems for nuclear facilities);
 - Performing calculations in the domains of radiation protection, radioactive releases, radiological consequences;
 - Managing activities linked to Radiation Protection Advisor / Officer within the Radiation Protection Competent Entity as per French Regulation;
 - Nuclear safety, environment, radiation protection and pressurized equipment: Building partnerships and working collaboratively with others to meet shared objectives, preferably in an international environment;
 - Writing & Presentation: Experience of writing/reviewing technical documents in the domain of expertise, notably documents for the regulator, documenting and transmitting technical knowledge/data with clarity and precision.
- **Behavioral competencies:**
 - Collaborate: Ability to facilitate dialogue with a wide variety of contributors and stakeholders;
 - Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
 - Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
 - Manage Complexity: Ability to analyze multiple and diverse sources of information to understand problems accurately before moving to proposals;
 - Instill trust: Ability to apply high standards of team mindset, trust, excellence, loyalty and integrity.

The following important information shall apply to all jobs at ITER Organization:

- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct;
- ITER Core technical competencies of 1) Nuclear Safety, environment, radioprotection and pressured equipment 2) Occupational Health, safety & security 3) Quality assurance processes. Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;

- 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;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- Informs the IO Director-General, Domain Head, or Department/Office Head of any important and urgent issues that cannot be handled by line management and that may jeopardize the achievement of the Project's objectives.