

Job Title: Radiation Safety Responsible Officer IO1126

Requisition ID **7219** - 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.

The ITER Organization (IO) is an Equal Opportunity organization committed to diversity and inclusiveness in the workplace.

As the IO attracts and retains people coming from a vast array of different backgrounds and cultures, bias and exclusion cannot be tolerated. The IO believes it is our diverse perspectives and backgrounds that gives unique strength and value to the ITER mission, regardless of race, member nation, gender, religion, status, sexual orientation, or disability - all are welcome and respected at ITER.

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: 04/02/2024

Department: Safety & Quality Department

Division: Nuclear Safety Division

Group: Radiation Safety & Environment

Job Family: Project Support

Job Role: Coordinating Officer

Job Grade: P4

Language Requirements: Fluent in English (written & spoken)

Contract Duration: Up to 5 years

Purpose

In the role of Radiation Safety Responsible Officer, you will maintain and implement the ITER Organization strategy and policies in matters related to the safe management of contamination risks, radiation exposures and environment for every ITER lifecycle phases;

Additionally, you will guide, advise and collaborate closely with all ITER Organization's (IO) technical units in carrying out their required responsibilities as well as with Domestic Agencies (DAs) and suppliers on technical issues related to radiation safety for public and workers;

You will write parts and/or help in coordinating the writing of the safety file such as “Rapport Préliminaire de Sûreté (RPrS)”, create and update Radiation Safety & Environment documents, and liaise when appropriate with French national authorities on matters related to radiation safety.

Background

The Radiation, Safety & Environment Group (RSE) is part of the IO Safety & Quality Department and is in charge of the radiation protection of the workers, the public and Environment. 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

- Supports the Group Leader in the coordination of Radiation safety and Environment activities;
- Leads some Radiation Safety or Environment activities within the frame of projects, safety review, tasks force as assigned by Group leader
- Responds to requests from Licensing coordinator related to radiological inventory, radiation safety analyses, contamination analysis or impact analysis (normal and accidental) to support the ITER licensing process;
- Shares radiation safety analysis and contamination expertise contributing to the ALARA implementation within ITER to Group Leader, and other stakeholders;
- Acts as Radiation Safety Responsible Officer for the ITER Radiation Protection Competent Entity (RPCE) and for defined system(s);
- Instils a radiation safety and Environment Protection culture within the IO and DAs as appropriate;
- Coordinates R&D and/or engineering activities to develop and communicate radiation safety knowledge within the Project;
- Assesses the calculation results and produces analysis report as required;
- Propagates safety requirements in nuclear analyses performed by IO, DAs, and suppliers' members;
- Contributes to the preparation of the Management Quality Program (MQP) procedures, instruction, guidelines, templates, etc. related to nuclear integration activities and ensures their proper implementation inside and outside IO;
- Follows up on the updating of tools and nuclear data files for radiation transport and contamination analysis;
- May be requested to perform other duties in support of the project;
- May be requested in advance to work outside ITER reference working hours, including nights, weekends and public holidays;

Measure of Effectiveness

- Provides an efficient support in the coordination of Safety Report files according to schedule, quality and safety performances;
- Provides expertise and analysis in support to licensing and in compliance with ALARA principles;
- Develops and maintains policies related to radiation safety and environment protection within the defined timeline;
- Ensures proper implementation of requirements related to radiation safety for defined scope of systems within and outside ITER premises;
- Produces comprehensive and clear reports and summaries of all activities;
- Maintains effective communication with all organizations interfacing with ITER for matters related to radiation & beryllium safety analysis.

Experience & Profile

- **Professional Experience:**
 - Minimum 10 years' experience working in engineering coordination in the field of Nuclear Safety or Radiation Safety.
- **Education:**
 - Masters' degree or equivalent in Nuclear physics or engineering or other relevant discipline;
 - Further qualifications specific to radiation safety such as "Radiation competent person level 2" according to French regulation "arrêté du 18 décembre 2019" and based on EURATOM 2013-59 or similar for other countries would be advantageous;

- The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
- **Language requirements:**
 - Fluent in English (written and spoken).
 - Fluency in French would be an asset.
- **Technical Competencies and demonstrated experienced in:**
 - Design, construction and operation of nuclear facilities;
 - French regulation, codes and standards for radiation safety.
 - Analysis requirements definition, risk identification and management: anticipate and adapt proposed solutions and tasks to the environment and constraints, cascading customized requirements;
 - Delivery and execution: execute tasks with consistency, self-assessment and feedback, adapt to changing contexts;
 - Reporting, follow-up, and management of actions: summarize and communicate in writing on QA matters; record, check and ensure implementation based on evidence;
 - Quality management: knowledge of requirements for international quality standards (both management and product) methods and practices;
 - Quality control: verify compliance of all applicable requirements and regulations;
 - Development of procedures in respect with ALARA principles;
 - Creating and promoting a clear safety culture
- **IO Core 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 and define problems accurately before moving to proposals and solutions.
 - Instill trust: Ability to apply and model high standards of team mindset, trust, excellence, loyalty and integrity.

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

- May be requested to perform other duties in support of the project as defined by your line manager, and when relevant upon the request of the matrix manager;
- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, and ITER Values (Trust; Integrity; Excellence; Team mind set; Diversity and Inclusiveness);
- ITER Core Technical Competencies (Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members) :
 - 1) Nuclear Safety, Environment, Radioprotection and Pressured Equipment
 - 2) Occupational Health, Safety & Security
 - 3) Quality Control & Quality Assurance Processes
 - Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
 - 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 or Department 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;

- For staff expected to perform on-call, shift hours, or other work outside ITER Organization reference working hours, including nights, weekends, and public holidays, the possession of a driving license valid in France is required. No commuting vehicle will be provided by the ITER Organization.