

Job Title: Radiation Safety Responsible Officer IO0574

Requisition ID **3742** - Posted **05/03/2021** - (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: 18/04/2021

Domain: Director-General

Department: Safety & Quality

Job Family: Organizational 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 associated to Beryllium and radiation exposures 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;

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

Background

The Radiation Safety Group is the entity in IO Safety & Quality Department in charge of radiation safety (radiation protection) as well as Beryllium safety.

Major Duties/Responsibilities

- Collaborates with the RSG Group Leader in the co-ordination of RSG's activities;
- Supports the ITER licensing process in responding to requests from nuclear French regulator related to contamination or source term estimates and radiation & Beryllium safety analyses;

- Shares radiation & beryllium safety analysis and contamination expertise to support RSG Group Leader, and other stakeholders;
- Acts as Radiation & Beryllium Safety Responsible Officer for defined system(s);
- Instils a radiation & beryllium safety culture within the IO and DAs as appropriate;
- Provides radiation safety expertise in regards to ALARA and other safety requirements;
- Provides input to the ITER Beryllium management committee (IBMC) on Beryllium contamination aspects and contributes to the Beryllium handbook, design, management guides and other Beryllium related documents;
- Coordinates R&D and/or engineering activities to develop and communicate contamination knowledge within the Project;
- Propagates safety requirements in nuclear analyses performed by IO, DAs, and suppliers' members; assesses the calculation results and produces analysis report as required;
- 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;
- Proposes and develops MQP documents regarding contamination assessment;
- Follows up on the updating of tools and nuclear data files for radiation transport and contamination analysis;
- May be requested in advance to work outside ITER reference working hours, including nights, weekends and public holidays;
- May be requested to support any of the project/construction teams and to perform other duties in support of the project.

Measures of Effectiveness

- Provides an efficient support in the coordination of Safety Report files according to schedule, quality and safety performances;
- Provides efficiency expertise and analysis in support to licensing and in compliance with ALARA principles;
- Develops and maintains policies related to radiation & beryllium safety within the defined timeline;
- Ensures proper implementation of requirements related to radiation & beryllium 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:**
 - At least 10 years' experience working as Engineering expert or coordinator in the field of Nuclear Safety or Radiation safety.
- **Education:**
 - Master degree or equivalent in the field of Nuclear Physics, Engineering or other relevant discipline;
 - 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 and in French (written and spoken).
- **Technical Competencies and demonstrated experience in:**
 - Design, installation and operation of Fusion facilities;
 - 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;

- Risk and opportunity management: quantification of risks and opportunities, standardization of risk assessment, routine review and status update;
 - 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;
 - French regulations and codes and standards for radiation safety.
 - ***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.
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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.