

# Job Title: Head of the Environmental Protection & Nuclear Safety Division IO0168

Requisition ID **4420** - Posted - (France, 13067 St Paul Lez Durance Cedex) - **Managerial** - **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:** 30/09/2021

**Domain:** Director-General

**Department:** Safety & Quality

**Division:** Environmental Protection & Nuclear Safety

**Job Family:** Line Management

**Job Role:** Head of Division

**Job Grade:** D1

**Language requirements:** Fluent in English (written & spoken)

**Contract duration:** Up to 5 years

## **Purpose**

As Head of the Environmental Protection & Nuclear Safety Division (EPNS), you will lead and manage the Division and Safety groups reporting to the Safety and Quality Department Head (SQD), ensuring ITER Organization's (IO) and relevant stakeholders' compliance with the ITER Safety policy, and developing a common safety culture.

Additionally, you will be in charge of the analysis of all risks associated with nuclear safety functions, impact on people, and the environment. These risks can be due to internal hazards (fire, explosion, thermo-hydraulics, etc.) or to external hazards (earthquakes, roads traffic, neighboring industrial facilities, etc.).

Finally, you will oversee the licensing process, and specifically the safety demonstration (safety case), by studying all risks to integrate and propagate the appropriate lines of defense against into all lifetime phases of ITER nuclear facility.

## **Background**

The Safety & Quality Department (SQD) shall support the Director-General (DG) to facilitate and ensure the ITER Organization's (IO) and relevant stakeholders' compliance with the Safety and Quality Management program: 1) Article 14 of the ITER Agreement states: "The ITER Organization shall observe applicable national laws and regulations of the Host State in the fields of public and occupational health and safety, nuclear safety, radiation protection, licensing, nuclear substances, environmental protection and protection from acts of malevolence", and 2) Integrated Management System through the Management & Quality Program (MQP), throughout all lifetime phases of IO's installations including: design, construction (with manufacturing and assembly of structures systems and components), Commissioning, Operation,

dismantling and release from regulatory control, maintaining close collaboration with all other ITER Organization (IO) and Domestic Agency (DA) departments is of utmost importance with a view to developing a common safety, security and quality culture.

### Major Duties/Roles & Responsibilities

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- Provides effective leadership for the Division, managing resources and ensuring that team members are motivated and constantly developing their skills and experience;
- Defines the nuclear safety and environmental policy and gives directives for its application throughout the ITER project;
- Manages the licensing process and the interaction with French nuclear safety authorities, develops and / or updates relevant chapters of licensing documentation, and prepares technical responses or presentations to the nuclear safety authorities or their technical advisors;
- Performs safety analyses relevant to the compliance of the different phases of the project with the safety case;
- Defines the classification of Protection Important Components and Protection Important Activities, defines safety requirements, and ensures their implementation within IO and the DAs, and implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- Develops and ensures that a positive safety culture is promoted throughout IO and the DAs;
- Provides guidance to other stakeholders with regards to the safety cases and defined requirements;
- Provides leadership in nuclear safety and environment protection;
- Performs safety induction trainings to all the newcomers and periodic safety training as required to all IO staff;
- 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.

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.

### Measures of Effectiveness

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- Builds up the Division and manages it effectively;
- Ensures compliance with all requests from the regulatory authorities, meeting the agreed schedule for responses to their demands;
- Ensures licensing is in line with the Project Baseline;
- Ensures that all requirements are implemented in Procurement Arrangements and follow-up related Deviation Requests and Non-Conformities to their conclusion;
- Ensures that the Division deliverables meets safety standards, quality, schedule and cost requirements;
- Effective communications within the Division, with all interfacing stakeholders, and with the Domestic Agencies;
- Responsible for implementation of nuclear safety and environment protection regulation and standards for the Project.

### Experience & Profile

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- **Professional Experience:**
  - At least 15 years' experience in a managerial position related to nuclear safety and environmental protection of complex international project;
  - 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 nuclear technology 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 (written and spoken);
  - Good knowledge of French (written and spoken) is required in order to have direct interaction with the French Nuclear Authority and related documentation.
- **Technical Competencies and demonstrated experience in:**
  - Team management: providing leadership, motivating and ensuring development of competencies, directs work through direction, delegation, and removal of obstacles to move work forward;
  - Leading multi-disciplinary international teams and interacting with high level stakeholders, host authority and experts in different safety disciplines;
  - Project management: planning, measuring progress of work, managing risks, costs, reporting and schedule within the constraints of human and financial resources;
  - Implementing nuclear safety, radiation protection, pressurized equipment rules and regulations;
  - Implementing safety programs in a large construction project related to nuclear/fusion and excellent familiarity through operation of a facility;
  - Implementing safety engineering methods to deliver fit-for-purpose solutions;
  - Leading safety licensing processes and/or periodic regulatory safety assessment;
  - Implementing Safety culture improvement programs;
  - Practical, international experience and global perspective in approaching issues to define solutions would be an advantage;
  - Strong knowledge of Host State's regulation on nuclear safety and their application to nuclear facilities (including fusion facilities is considered as advantageous).
- **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/define 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.