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**Vacancy**

**Experienced Nuclear Safety Engineer**

**Yours Tasks**

Reporting to the Head of the Reactor Division's Nuclear Safety Unit (Cellule Sûreté) and in strict compliance with the French regulations governing nuclear facilities, you will have the following duties:

• Act as nuclear safety engineer for current and future projects within the Reactor Division: modifications

to the reactor in order to comply with commitments to the nuclear safety authority (ASNR), modifications

to industrial equipment (production of radioisotopes for medical use, neutron imaging), ten-year safety

review, fuel conversion programme

• Prepare or check requests for authorisation in compliance with ASNR decision n° 2017-DC-0616 on the

management of modifications to nuclear facilities, and reply to questions from the ASNR and its experts

during the examination of these requests for authorisation

• Prepare or check nuclear safety analyses in all areas covered by the French regulations governing basic

nuclear facilities (INBs) (control of the three main safety functions, studies of internal and external hazards)

• Maintain the ILL’s baseline nuclear safety documentation (Safety Report, Fire Risk Assessment, General

Operating Rules, etc.)

• Prepare or check design and manufacturing specifications (mechanics, thermal hydraulics, neutronics,

radiation protection, etc.) and ensure that the results obtained meet the requirements for safety important

components (known as EIP), the requirements set out in the nuclear safety documentation (Safety Report,

General Operating Rules), and the nuclear safety objectives set

• Assist with tasks relating to operating safety (classification of modifications, ASNR inspections, follow-up

letters, deviation management, significant event reports, etc.).

Once you have received the necessary training and authorisation, you will be included in the on-call duty rota for Reactor Division engineers (emergency response or duty engineer).

**Qualifications / Experience:**

• You hold a Master’s degree (or equivalent qualification) in general or nuclear engineering.

• You have at least 5 to 10 years' proven experience.

• You are familiar with the nuclear sector and its design, manufacturing and operating standards and French regulations. The ability to understand mechanical design studies and calculations (civil engineering, steel structures, handling equipment, hot cells) and to use general design tools (MATLAB, Python, C++/Pascal, etc.) would be an advantage.

• You have excellent writing skills and are meticulous, methodical and efficient. You are used to communicating with a variety of stakeholders, have an inquiring mind and always maintain the questioning attitude that is an essential part of safety culture.

• Knowledge of English and/or German is a plus.

**We offer:**

* **Quality of life** A hub for research and technology, the city of Grenoble is ideally located in the heart of the French Alps (just 3 hours from Paris/Provence by train, 1 hour from Lyon international airport and 1 ½ hours from Geneva). It is important for us that our staff achieve a healthy work-life balance. We therefore offer home working (under certain conditions), generous annual paid leave entitlement and a host of other benefits that you will discover when you arrive!
* **Prospects** We guarantee you **a permanent position** in a multicultural scientific environment.
* **Benefits** - We offer generous social benefits (expatriation allowance, excellent health cover), moving and relocation assistance (under certain conditions) and an annual productivity bonus. We also offer language courses for you and your partner and subsidies for the use of public transport and the staff canteen, as well as for holidays and a variety of cultural and sports activities.

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| **How to apply:**  **Please submit your application on line no later 02.02.2025, via our website :** |  |
| [**www.ill.eu/careers**](http://www.ill.eu/careers)  **(vacancy reference : 25/02).** |
| **Con copia de la candidatura a: eures.franciasuizabenelux@sepe.es**  **Indicando la referencia ILL 25/02** |

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