

## Vacancy

# Nuclear Safety Engineer, Fuel Conversion and ten-year Safety Review

### 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:

- Prepare nuclear safety analyses relating to the fuel conversion programme for the High-Flux Reactor
- Ensure that the nuclear safety objectives are demonstrated by the conversion studies (mechanics, instrumentation and control systems, thermal hydraulics, neutronics, radiation protection, etc.)
- Ensure the completeness of data submitted for the safety review (technical and regulatory compliance studies, inspection programmes)
- Define and draft a methodology to account for the ageing process
- Prepare nuclear safety review analyses for the High-Flux Reactor in all areas of risk covered by the French regulations governing basic nuclear facilities (INBs) (control of the three main safety functions, studies of internal and external hazards)
- Contribute to the drafting of the safety review report
- Maintain the ILL's baseline nuclear safety documentation (Safety Report, Fire Risk Assessment, General Operating Rules, etc.)
- Prepare 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.

### Qualifications / Experience:

- You hold a Master's degree (or equivalent), specialising in general or nuclear engineering.
- You have 3 to 5 years of experience in nuclear safety, with excellent knowledge of the nuclear sector and its design, manufacturing and operating standards and French regulations.
- You have excellent writing skills and are meticulous, methodical and efficient in your work.
- You are used to communicating with a variety of stakeholders, while having an inquiring mind and always maintaining the questioning attitude that is an essential part of safety culture.
- You must have a sound knowledge of French in order to communicate effectively with the French nuclear safety authorities.

## 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 **36-month 'specified-purpose' fixed-term contract** 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.

## How to apply:

**[https://www.ill-recruits.eu/module.php?module=applicant\\_register\\_cv\\_analyzer/applicant\\_register\\_cv\\_upload&sid=2017](https://www.ill-recruits.eu/module.php?module=applicant_register_cv_analyzer/applicant_register_cv_upload&sid=2017)**

Then why not take your next career step with us by applying online - preferably in English - via our career portal by **21/09/2025**, quoting reference number **25/36**. **This vacancy will remain open until we have found the ideal candidate, so do not hesitate to apply as soon as possible**. Please note that all applicants are subject to administrative screening (background checks). For this post, medical fitness (including for work under ionising radiation) is required. You will also have to perform an emergency response role in the event of a crisis.

Con copia de la candidatura a: **[eures.franciasuizabenelux@sepe.es](mailto:eures.franciasuizabenelux@sepe.es)**

**Indicando la referencia ILL 25/36**

## **Ayudas a la movilidad EURES**



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