

# IO1412 Nuclear Safety Engineer SQS-029

## General information

|              |   |
|--------------|---|
| Job category | Standard                                      |
| Status       | Published                                     |
| Department   | SQS/Department for Safety, Quality & Security |
| Division     | SQS/ Nuclear Safety and Licensing Division    |

## Job description

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|--------------------------------|---|
| Main job                       | Safety - Security - Nuclear Safety  |
| Title of the position          | Nuclear Safety Engineer SQS-029   |
| Job family                     | Functional Officer - 2  |
| Grade                          | P3  |
| Direct employment              | Required  |
| Purpose                        | <p>To support the Safety, Quality and Security Department by providing a technical basis in support of the ITER safety case, the licensing process, and the implementation of safety requirements in ITER.</p>  |
| Main duties / Responsibilities | <p>Develops and provides safety analyses, to fulfill the Autorité de Sûreté Nucléaire (Safety French Authorities - ASN) demands (technical prescriptions .);</p> <p>Develops and maintains safety data base regarding the application of French nuclear facilities order (INB Order);</p> <p>Coordinates safety engineering activities for confinement, mechanical components, buildings (nuclear and non-nuclear) and pressurized equipments (ESPN);</p> <p>Monitors the planning, execution and integration of activities responding to the demands and engagements of/to the French nuclear safety authorities during the licensing process, e.g. those related confinement, mechanical components and ESPN;</p> <p>Is responsible for the follow up of the procurement as safety responsible officer, ensuring the application of the French Nuclear Facility order for the manufacturing, participating in safety internal inspection for confinement, mechanical components, buildings (nuclear and non-nuclear) and ESPN;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan;</p> <p>Performs other duties linked to the above purpose upon management request, as necessary;</p> <p>Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> |
| Measures of effectiveness      | <p>Reports to Nuclear Safety, Licensing &amp; Environmental Protection Division Head;</p> <p>Maintains communications with other Departments and stakeholders among the ITER collaborations;</p> <p>In response to requests from the Director-General/ Department for Safety, Quality and Security Director / Head of Nuclear Safety and Environmental Protection Division or proactively, informs the DG/ Department for (SQS) Director and Head of Nuclear Safety and Environmental Protection Division of any important and urgent issues that cannot be handled by the concerned line management and may jeopardize the achievement of the Project's objectives.</p> <p>Positive results in the resolution of nuclear safety issues;</p> <p>Accurate and relevant responses provided to the nuclear safety authorities in the issues related to the technical areas relevant to this post;</p> <p>Successful integration into the ITER project of safety requirements in the relevant technical areas;</p> <p>Effective procurement follow-up regarding safety aspects;</p> <p>Development and maintenance of trustworthy, up to date information out of the project management tools;</p> <p>Defines effectively priorities of activities under the scope of responsibilities.</p> <p>SAP id 50000132</p> <p>Project construction phase</p>  |

Applicant criteria

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|----------------------|---|
| Level of study       | At least Master's Degree or equivalent  |
| Diploma              | Nuclear safety  |
| Level of experience  | At least 8 years  |
| Technical experience | At least 8 years of experience in nuclear safety;<br>High level of experience either in a large nuclear project or be specialist of the technical field of the job description;<br>Experience in coordinating and organizing the work done by multiple contributors of different cultures;<br>Basic Project Management experience or skill is required;<br>Experience with writing technical / scientific reports is desirable. |
| Social skills        | Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Ability to communicate effectively  |
| General skills       | INSAG 4 principles will apply directly to the job holder and it will be checked that applicants have an interrogative attitude to safety problems, a prudent approach to safety questions and are able to communicate and carefully listen to different opinions;<br>Ability to organize and monitor autonomously activities.   |
| Languages            | English (Working)   |
| Specific skills      | MS Office standard (Word, Excel, PowerPoint, Outlook)   |
| Others               | Working knowledge French (written and spoken) would be an advantage;  |