

IO1358 Nuclear Safety Engineer SQS-032

General information

Job category	Standard
Status	Published
Department	SQS/Department for Safety, Quality & Security
Division	SQS/ Nuclear Safety and Licensing Division
Section	SQS / NSAD / Safety Analysis & Assessment Section

Job description

Main job	Safety - Security - Nuclear Safety
Title of the position	Nuclear Safety Engineer SQS-032
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, refinement of source terms with uncertainties; Develops and maintains safety data base regarding the application of French nuclear facilities orders (INB Order); Coordinates activities (studies and R&D) related to in-vessel dust and tritium, between ITER and safety specialists in the Domestic Agencies (DAs) and Laboratories and prepares expected rules for its assessment in operation; 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 to electrical supply and instrumentation and Control topics; Defines safety operational limits for operation in order to fulfill the limits defined in the ITER license;</p> <p>Is responsible for the follow up of the procurement as safety responsible officer, ensuring the application of the French Nuclear Facility orders for the manufacturing, participating in safety internal inspection for electrical supply, instrumentation and control and magnet systems; Performs other duties in support of the project schedule as described in the Detailed Work Schedule and the Strategic Management Plan; Performs other duties linked to the above purpose upon management request, as necessary; Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, values and ethics.</p> <p>Reports to the Safety Analysis & Assessment Section Leader; Maintains communications with other organizations within the ITER collaboration;</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 Safety, Quality/Security 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>
Measures of effectiveness	<p>Positive results in the resolution of safety issues in the field of electrical supply, instrumentation and control and magnet systems. Accurate and relevant responses provided to the nuclear safety authorities in the issues related to the technical areas relevant to this post; Successful integration into the ITER project of safety requirements in the relevant technical areas; Effective procurement follow-up regarding safety aspects; Development and maintenance of trustworthy, up to date information out of the project management tools; Defines effectively priorities of activities under the scope of responsibilities.</p>

Applicant criteria

Level of study	At least Master's Degree or equivalent
Diploma	Safety field or other relevant discipline
Level of experience	At least 8 years
Technical experience	<p>At least 8 years experience in safety, including proven track record of administration in science policy implementation in a public or international organization;</p> <p>High level of experience either in a large nuclear project or be specialist of the technical field of the job description;</p> <p>Experience in coordinating and organizing the work done by multiple contributors of different cultures;</p> <p>Basic Project Management experience or skill is required;</p> <p>Experience with writing technical / scientific reports is required.</p>
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit, Ability to organize and monitor activities, Ability to communicate effectively
General skills	INSAG 4 safety 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 is required.
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	Desirable working knowledge French (written and spoken).