

# IO1310 Nuclear Engineer CEP-139

## General information

Job category	Standard
Confidential	No
Status	Draft
Department	DIP/Directorate for Central Engineering & Plant
Division	CEP / Plant Engineering Division
Section	CEP/ PED/ Radioactive Materiales Engineering Section

## Job description

Main job	Engineering - Nuclear Power
Title of the position	Nuclear Engineer CEP-139
Job family	Engineer - 1
Duration of the contract	5 years
Grade	G6
Direct employment	Required
Supervised by:	Section Leader
Purpose	<p>To participate to technical studies, safety analysis and review of baseline documentation for radioactive materials engineering.</p> <p>To support design, procurement, implementation, commissioning, operation and maintenance of all functions required for the correct and safe running of the ITER radwaste management systems located in various ITER buildings</p> <p>Participates in the designs of the ITER radwaste treatment and storage systems and also their technical implementation;</p> <p>Performs safety analysis of the radwaste management systems including radiation shielding and radiological zoning evaluations;</p> <p>Develops requirements and plans for manufacturing, assembly &amp; installation, maintenance, and commissioning, and operation of the radwaste management equipment/systems;</p> <p>Develops and implements operation procedures of the full systems;</p> <p>Establishes the safety requirements on radwaste management systems and provides technical support in implementing them in the design, manufacturing, and assembly &amp; installation, maintenance, and commissioning of the systems;</p> <p>Communicates and collaborates with the ITER Nuclear Safety and Environmental Protection Division to facilitate the licensing process and provides technical support for the definition and update of safety interfaces</p> <p>Provides the Section's technical document management and participates in preparing or updating its baseline documentation;</p> <p>Performs other duties in support of the project schedule as described in the Detail Work Schedule (DWS) and the Strategic Management Plan (SMP);</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> <p>Reports to the Radioactive Materials Engineering Section Leader;</p> <p>Interacts with members within ITER and outside collaborators as required;</p> <p>In response to requests from the Director-General (DG) and/or Director for Central Engineering and Plant (CEP) Directorate, or proactively, informs the DG/ Director for CEP Directorate 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>
Main duties / Responsibilities	<p>Project Construction Phase</p> <p>Successfully and timely establish and review the safety analysis and requirements of the radwaste management systems;</p> <p>Develop requirements and plans for manufacturing, assembly &amp; installation, maintenance, and commissioning, and operation of the radwaste management equipment/systems;</p>
Measures of effectiveness	

	Develop and implement operation procedures of the full systems; Communicate and collaborate effectively with the ITER Nuclear Safety and Environmental Protection Division to facilitate the licensing process
--	---

## Applicant criteria

Level of study	Master or equivalent degree
Diploma	in Nuclear Engineering or other
Level of experience	At least 5 years
	Work experience in the field of nuclear engineering and radioactive waste management; Experience in nuclear safety analysis; Experience in writing technical documents.
Technical experience	Knowledge of technical database management and tools; Excellent knowledge on industrial standards related to design, installation, maintenance, and operation of nuclear facilities; Knowledge of tritium aspects would be an advantage
Social skills	Ability to work effectively in a multi-cultural environment , Ability to work in a team and to promote team spirit
Languages	English (Working)
Specific skills	MS Office standard (Word, Excel, PowerPoint, Outlook)
Others	Usage of various safety analysis computer codes is an advantage

## Origin of the job

Entity	ITER ORGANIZATION
Recruitment reason	New position

## HR Follow-up

Email alerts	Every 10 applications
Main recruiter in charge	Mélanie Picarel
Followed by	CHOE Hyunejune
Alert recipient(s)	Mélanie Picarel
Publication default start date	4/29/2013
Publication default end date	5/29/2013
Automatic update	No