

IO1167 Cooling Water System Resp Officer CEP-003

Job description

Main job	Engineering - Nuclear Power
Title of the position	Cooling Water System Resp Officer CEP-003
Job family	Project engineering
Grade	P4
Direct employment	Not required
Purpose	<p>To be responsible for the integration, all design aspects, assembly, installation, commissioning and operation of the ITER Tokamak cooling water systems (TCWS);</p> <p>To collaborate with the internal clients (ITER Divisions/Sections who will use Tokamak cooling water systems) and also with designers in the Domestic Agencies to complete the TCWS procurement in accordance with the client requirements.</p>
Main duties / Responsibilities	<p>Is responsible for designing the TCWS according to the relevant functional requirements;</p> <p>Supports and reviews the TCWS Preliminary and Final Design performed by the US Domestic Agency;</p> <p>Reviews and approves documents and drawings for the procurement and manufacturing of TCWS components;</p> <p>Integrates and coordinates the TCWS design with the rest of the system/components in ITER;</p> <p>Manages the schedule for the design, manufacturing, testing, delivery, installation and commissioning of TCWS;</p> <p>Participates, to provide acceptance of components and sub-systems, on the factory testing of the TCWS;</p> <p>Oversees, coordinates and supports the assembly and the installation of the TCWS to be performed by the Assembly Section;</p> <p>Prepares and updates as required the Design Description (DD) of the TCWS;</p> <p>Performs the on-site testing and commissioning of the TCWS;</p> <p>Prepares the design documents for testing, integrated commissioning and pre-operational activities of TCWS;</p> <p>Supports the licensing activities in close contact with the safety group;</p> <p>Contributes to ensuring quality assurance and to managing interface issues;</p> <p>Performs other duties in support of the project schedule as described in the Detailed Work Breakdown Structure Schedule or 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 the Cooling Water System Section Leader;</p> <p>In response to requests from the Director-General and/or the Director for Central Engineering and Plant, or proactively, informs the DG/Director for Central Engineering and Plant 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>Successfully communicates with the ITER machine components designers to optimize both component and remote maintenance equipment design and performance;</p> <p>Successfully communicates with other Participant Teams/organizations within the ITER collaboration and the fusion community;</p> <p>Successfully completes tasks assigned under Main Duties / Responsibilities above.</p>

Applicant criteria

Level of study	Master or higher degree
Diploma	Mechanical, Nuclear or Chemical Engineering
Level of experience	At least 10 years
Technical experience	<p>At least 10 years' experience as a mechanical/plant system engineer;</p> <p>Knowledge of design, layout and construction of Cooling Water Systems;</p> <p>Relevant experience in design code for pressure vessels and piping systems.</p>
Languages	English (Working)

Specific skills MS Office standard (Word, Excel, PowerPoint, Outlook)

Free criteria Interfaces with other ITER Technical Directorates, as required;
Maintains communication with other organizations within the ITER collaboration and the fusion community;
Interacts with personnel throughout the ITER Organization and Domestic Agencies on cooling water matters.