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Ref. IO2103 - 4/17/2019

Nuclear Maintenance Management Officer SCOD-061

Main job Nuclear Power

Department SCOD / Science & Operations Department

Division SCOD / Operations Division

Job Family Engineer - 2

Application Deadline (MM/DD/YYYY) 06/02/2019

Grade P3

Direct employment Not required

Purpose To be responsible for coordinating and developing plans for the maintenance & inspection of the ITER Tokamak and plant systems, especially with regards to radiologically controlled areas.

Background information:

The Operations Division is responsible for developing plans, procedures and for implementation of commissioning, operation and maintenance of the ITER Tokamak and plant systems.

Please note that an organizational restructuring is planned in accordance with the needs of the organization and the evolution of the project phases. In this context, the unit of assignment of the present position may be updated in late 2019, early 2020.

Main duties / Responsibilities

Develops and implements both a strategy and management process for maintenance and inspection activities in order to meet the obligations of a nuclear installation; Coordinates with engineering departments to support the assessment of maintenance tasks and subsequently provides recommendations on their implementation in addition to preparing procedures for controlling and monitoring associated hazards; Contributes to ensuring the implementation of the ITER organization maintenance strategy; Supports system design activities by providing expert support in and review of Reliability, Availability, Maintainability & Inspectability (RAMI) analysis, including the implementation of the As Low As Reasonably Achievable (ALARA) principle for nuclear maintenance; Reviews maintenance plans and procedures to ensure they are compliant with ITER management, safety and quality procedures and integrates them into the overall maintenance plan; Defines strategy for the prioritization of the aforementioned activities; Supports the preparation of technical specifications for maintenance contracts and technical services; May be requested to be part of any of the project/construction teams and to perform other duties; May be required to take part in the on-call duty service established by the ITER Organization (IO) outside ITER Organization reference normal working hours, including nights, weekends and public holidays; Implements surveillance of Protection Important Activities relating to nuclear maintenance.

Measures of effectiveness

Proactively ensures the proper development of nuclear maintenance management plans and procedures that support the implementation of the overall maintenance strategy. Ensures that system maintenance plans are compliant with project safety requirements and industry best practice. Identifies and implements best practice from industry and implements these techniques across the installation, demonstrating how maintenance can be improved from an ALARA perspective.

Level of study Master or equivalent degree

Diploma Nuclear Engineering or other related field

Level of experience At least 8 years

Technical experience/knowledge

At least 8 years of experience in the maintenance of technically complex systems in a large research or industrial facility, including coordination experience; Good experience in nuclear and occupational safety rules (access, radioprotection, dose limits, waste, decontamination, contamination control, radiological protection and health physics etc.) is required; Knowledge and experience of techniques, tools and process relevant to remote handling would be an advantage;

Extensive experience in similar jobs (involving similar work responsibilities) and/or additional training certificates in relevant domains may be considered a reasonable substitute for the required educational degree.

General skills Collaborate: Ability to dialogue with a wide variety of contributors and stakeholders;
Communicate Effectively: Ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment;
Drive results: Ability to persist in the face of challenges to meet deadlines with high standards;
Manage Complexity: Ability to gather multiple and diverse sources of information to define problems accurately before moving to proposals;
Instil trust: Ability to apply high standards of team mind-set, trust, excellence, loyalty and integrity.

Others Proficiency in a maintenance management software suite, such as SAP-PM or similar, for the data management, planning, management of work orders, procurement of spares and consumables, report generation, would be an advantage.
Proficiency in office software suite (MS Office : Word, Excel, Powerpoint, Outlook) for the efficient and effective communication, study & analysis, report generation, presentation, etc.;
Overall understanding of configuration and information management systems utilized for the management and control of large scale industrial plant.

Languages English (Fluent)

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