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| <b>TITLE: RADIOACTIVE WASTE PROCESS ENGINEER</b>  |                      | <b>CEP-083</b>            |
| <b>REPORTS TO LINE MANAGER:</b> Leader of Radioactive Waste Treatment and Storage Section, Plant Engineering Division, Department for Central Engineering and Plant Support |                      |                           |
| <b>DIRECT EMPLOYMENT:</b> NOT REQUIRED  |                      | <b>GRADE RANGE:</b> P3-P4 |
| <b>Date Written:</b><br>July 2008   | <b>Date Revised:</b> | <b>Date Revised:</b>      |

### **Purpose:**

To support the Radioactive Waste Treatment and Storage Section Leader in the field of technical studies, baseline documentation, design, procurement, implementation, commissioning, operation and maintenance of all functions required for the correct and safe running of the ITER radioactive waste management systems located in various ITER facilities, such as hot cell, low-level radioactive waste buildings, etc.

### **Main Duties/Responsibilities:**

- Supports the Radioactive Waste Treatment and Storage Section Leader in all matters related to the ITER radioactive waste management system development and its technical implementation, and technical coordination/integration of the project;
- Conducts the integral system analysis of the ITER Radioactive Waste Treatment and Storage facilities, and develops its technical implementation plan in accordance with the procurement schedule;
- Manages activities in radioactive waste characterization and measurement;
- Coordinates activities in radioactive waste management equipment functionality and reliability;
- Effectively cooperates with related activities within the project;
- Prepares the general technical specifications for procurements and participates in design reviews;
- Effectively interfaces with the ITER Domestic Agencies responsible for procurement;
- Maintains a strong commitment to the implementation and perpetuation of the ITER safety program, values and ethics.

### **Qualifications and Experience:**

- **Education:** University Degree (preferably higher) in Nuclear Engineering, Technology or equivalent.
- **Experience:** More than 5 years' experience in the field of radioactive waste management;
- Experience in designing and constructing radioactive waste management systems would be an advantage;
- Extensive knowledge of the processes and equipment used for different types of radioactive waste;
- Good knowledge of radioactive waste characterization and inspection methodologies;
- Good understanding of safety norms and regulations concerning radioactive waste management, on-site storage and off-site disposal;

- Good knowledge of the specific issues for tritiated waste would be an advantage;
- Ability to work effectively in a multicultural environment.
- **Language requirements:** Proficiency in the English language, both written and spoken.

**Work Direction and Interfaces:**

- Reports to the Radioactive Waste Treatment and Storage Section Leader;
- Interacts with members of the ITER Team and Domestic Agency Personnel as required.

**Authority/Approval Levels:**

Has authority and approval levels generally defined by the Head of Plant Engineering Division and DDG for his/her scope of work.

**Measures of Effectiveness:**

- Successfully supports the Radioactive Waste Treatment and Storage Section Leader;
- Successfully ensures cooperation with various interfaces;
- Successfully completes the tasks assigned under Main Duties / Responsibilities above.