Title: Tritium Plant System Engineer Central Engineering and Plant Support / Fuel Cycle Engineering Division		CEP 017
Reports to Line Manager: Leader of Tritium Plant System Group		
DIRECT EMPLOYMENT: NOT REQUIRED	**GRADE RANGE: P2 ~P4**	
Date Written:	**Date Revised:**	**Date Revised:**

Purpose:

An engineer or physicist is required to be in charge with integration of the Tritium Plant design data based on the CATIA V5 E&S and for configuration management using CAD / PDM systems. The Tritium Plant to a very large extent is characterized by equipments and systems and therefore has to have a process design engineer with substantial background in tritium technology within the group.

Major Duties / Responsibilities:

- Systems configuration management for Tritium Plant systems employing CATIA V5 E&S.
- Supervise development of P&IDs of fuel cycle systems, HVAC and Detritiation Systems.
- Interface with the CAD office to support updating and maintenance of libraries, etc.
- Support interface management through CAD tools.
- Implementation of standards and standardization specific to the Tritium Plant into design tools.

Qualification required:

- University degree in nuclear engineering, chemical engineering or equivalent.
- At least 5 years experience in tritium related R&D and design.
- Extended experience in CATIA V5 E&S usage and administration and experience with ENOVIA.
- Good knowledge in tritium processing technologies and detritiation systems design of the ITER Tritium Plant.
- Ability to work effectively in a multi-cultural environment.
- Very good command of English, both spoken and written, is essential.

Work Direction and Interfaces:

Reports to the Tritium Plant Group Leader.

Authority / Approval Levels:

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

Measures of Effectiveness:

- Successful implementation of tritium plant specific equipment and systems into the PRM of CATIA V5.
- Successful communication with other organizations within the ITER collaboration and the fusion community.
- Successful completion of the tasks assigned under “Main Duties / Responsibilities” above.