TITLE: Head of Fuel Cycle Engineering Division		CEP-059
REPORTS TO LINE MANAGER: DDG for Central Engineering and Plant Support		
DIRECT EMPLOYMENT: NOT REQUIRED		GRADE: D1
Date Written: July 2007	Date Revised:	Date Revised:

Purpose:

A senior chemist, physicist or engineer is required to be responsible for all design, integration and administration aspects of the Tritium Plant, the Fuelling systems and the Vacuum Pumping system. The responsibility includes management of the interfaces to and between these systems and the ITER safety requirements.

Major Duties / Responsibilities:

- Supervise the Responsible Officers (RO) for Tritium Plant, Fuelling and Vacuum Pumping, Radiological Protection and Environmental Monitoring.
- Resources management within the Tritium Plant and its systems, the Fuelling systems and Vacuum Pumping systems along with control of schedules.
- Liaison with the Domestic Agencies having procurement packages within the relevant systems.
- Make plans for Memoranda of Understanding for procurement packages.
- Review and approval of the outline design of the relevant systems.
- Review and approval of relevant systems documents, particularly requirements, guidelines, design descriptions and procurement packages.
- Management of interfaces to and between the relevant systems.
- Interface with the ITER Project Office and coordinate overall integration of the relevant systems into ITER.

Qualifications and experience:

- University degree (preferably including a PhD) in chemistry, engineering or physics.
- Wide ranging knowledge profile in all technologies relevant for or applied in Tritium Plant systems, Fuelling systems and Vacuum Pumping systems, proven by publications and preferably acknowledged through invitations to international conferences.
- Long term experience in overseeing groups of researchers or systems designers.
- Ability to work effectively in a multi-cultural environment.
- Very good command of English, both spoken and written.

Work Direction and Interfaces:

Reports to the DDG of the ITER Central Engineering and Plant (CEP) Directorate. Close co-operation with the Responsible Officers for the Tritium Plant, Fuelling Systems and Vacuum Pumping. Interfaces with the ITER Project Office and with groups involved in relevant systems.

Authority/Approval Levels:

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

Measures of Effectiveness:

Successful management of the Fuel Cycle Division of the Central Engineering and Plant (CEP) Directorate. Broad achievements within the tasks assigned under “Main Duties / Responsibilities”.