

TITLE: Senior Scientific Advisor for Technical Integration		ODG-012
REPORTS TO LINE MANAGER: PDDG		
DIRECT EMPLOYMENT: NOT REQUIRED		GRADE RANGE: D1
DATE WRITTEN: December 2007	DATE REVISED: 2008 Januray	DATE REVISED:

Purpose:

- Senior Advisor to the Principal Deputy Director-General (PDDG) for overseeing and integrating key technical areas in the ITER construction. Advises the PDDG in the daily management of technical matters.

Duties and Responsibilities:

- Interacts with the senior staff of the ITER Organization (IO) and heads of the Domestic Agencies (DAs) on the management of technical matters;
- Ensures, in collaboration with the Deputy Director-Generals (DDGs), that the procurement specifications and the design are sound and ready for launching in line with the Integrated Project Schedule;
- Monitors the implementation of procurement packages in the DAs through the technical departments;
- Integrates in the IO and DAs work plans, on request of the PDDG and in collaboration with the heads of the DAs, technical recommendations from the Scientific and Technical Advisory Committee (STAC) and other advisory bodies;
- Ensures, in collaboration with the associated Deputy Director-General (DDG), a fast response from the IO to questions and problems that arise during manufacturing or during the detailed design preparation in DAs or in industry;
- Acts, in the absence of the PDDG, as Chair of coordination meetings (CCB) and the IO internal design review meetings;
- Advises the PDDG in ensuring that the ITER technical baseline documentation is up to date and complete;
- Ensures, in collaboration with the Project Office (PO), the coherence of the ITER design and the accuracy of interface descriptions in the relevant interface control documents;
- Prepares with the DDGs the short term and mid term work plans for approval by the PDDG;

- Interfaces with DDGs to ensure that ITER operation requirements are being met;
- Prepares and, at the PDDG's request, gives technical overview presentations on the status of ITER construction at conferences;
- Shows a strong commitment to the ITER safety programme;
- Maintains a strong commitment to the implementation and communication of ITER goals and ethics.

Qualifications and Experience:

- A University degree in a relevant technical or scientific subject is essential. A second degree (PhD) in a relevant technical or scientific subject would be an advantage;
- Outstanding knowledge of tokamak physics and engineering issues;
- At least 15 years experience in the management of international science projects;
- Experience in international nuclear research activities and knowledge of ITER would be an advantage;
- Ability to work effectively in a multi-cultural environment;
- Good skills in English. Knowledge of the host language (French) and/or some of the participating member languages would be an advantage.

Work Management structure and Interfaces:

- Reports to the PDDG. Interfaces with all other departments and divisions.

Authority/Approval Levels:

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

Measures of Effectiveness:

- Successfully advising the PDDG on the implementation and integration of all technical areas of the ITER construction;