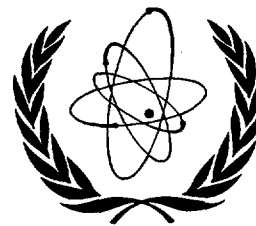


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MEETING OF THE ITER CTA PROJECT BOARD

by Dr. V. Vlasenkov, Secretary, Project Board



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The meeting of the ITER Co-ordinated Technical Activities Project Board took place in Tokyo, Japan, on 21 January 2002, coinciding with the second Negotiators meeting (N2). Twelve participants, Project Board Members and experts from Canada, the European Union, Japan, the Russian Federation and the International Team attended the meeting. The Leader of the Canadian Participant Team, Dr. P. Barnard, was represented by Dr. M. Stewart.

The Project Board noted with satisfaction that ITER project activities are funded in the Russian Federation until 2005 and are planned in the European Union until 2006 (subject to final adoption of the sixth framework programme). The continued promotion of the ITER activities in Japan after the end of the CTA depended on making timely progress in the Negotiations.

The Project Board agreed to provide an R&D plan by June 2002, to be linked with the procurement allocation, for the period following the CTA.

The ITER International Team Leader developed a proposal on establishing the Working Groups for drafting technical specifications for the most urgent procurement items. The Participant Team Leaders identified the



Participants in the Meeting



members of these groups, as appropriate for each item. The list of the most urgent procurements items, coinciding with the list of the Working Groups, is as follows:

- Conductors
- Toroidal Field Coils Windings
- Toroidal Field Cases and Structures
- Poloidal Field Coils Windings
- Vacuum Vessel, Blanket Manifolds, Blanket Attachments and Supports
- Vacuum Vessel Port Stubs
- ITER Site Facilities (Tunnels, Fences, and Interfaces with Environment)
- Concrete Buildings
- High-Voltage Alternating Current
- Steady-State Power Supplies
- Large Piping for Cooling Water
- Cryogenic Halls - PF Coils Fabrication

The Project Board took note of the table of preferred procurement items as developed during the NSSG-1 and agreed that, if requested, it will be able to provide further technical assistance to aid the Negotiators in the sharing of procurements amongst the Participants.

The Project Board took note of the statements of the International Team and the Participant Teams' Leaders on the review of the Project Management software packages. This investigation will continue.

In considering the issue of reduction of the decommissioning waste, as originally proposed by the Participant Team of Japan, the Project Board took note of the conclusions, presented by the International Team and the EU Participant Team Leaders. The analysis presented showed that the amount of waste, until about 100 years after shutdown, is mainly driven by the initial content of cobalt in the structural materials. According to both presentations, no substantial gains in the reduction of the decommissioning waste could be achieved at a reasonable cost. The Participant Team of Japan will review these presentations in detail.

The Project Board recognized the need to continue proper co-ordination amongst Participant Teams in the area of development of Breeding Blanket Test Programmes, possibly including demonstration of power generation.

MEETING OF THE ITPA TOPICAL GROUP ON DIAGNOSTICS

by Drs. A.E. Costley, ITER International Team, and A.J.H. Donn , FOM Institute for Plasma Physics Rijnhuizen

The First Meeting of the International Tokamak Physics Activities (ITPA) Topical Group (TG) on Diagnostics was held at the Ioffe Physical Technical Institute, St. Petersburg, Russian Federation, on 14-16 November 2001. In total 38 participants attended the meeting and all four ITPA partners (EU, JA, RF and US) were represented. This summary covers mainly the discussions at the TG meeting. The meeting immediately followed a Progress Meeting, held in the same location on 12-13 November 2001, on development efforts being carried out in the Russian Federation on diagnostics for ITER and burning plasma experiments (BPX).

The key topics reviewed and discussed at the TG meeting were:

- The mandate for the ITPA Diagnostic TG;
- the overall status of diagnostic development for ITER/BPX;
- the progress in the research on the designated high priority topics;
- the progress with some key ITER/BPX diagnostic developments ongoing in the ITPA participant laboratories;
- the progress and plans for the work of the specialist working groups.