



# ITER EDA NEWSLETTER

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## MEETING OF THE ITER COUNCIL

by Mr. M. Drew, ITER EU Contact Person



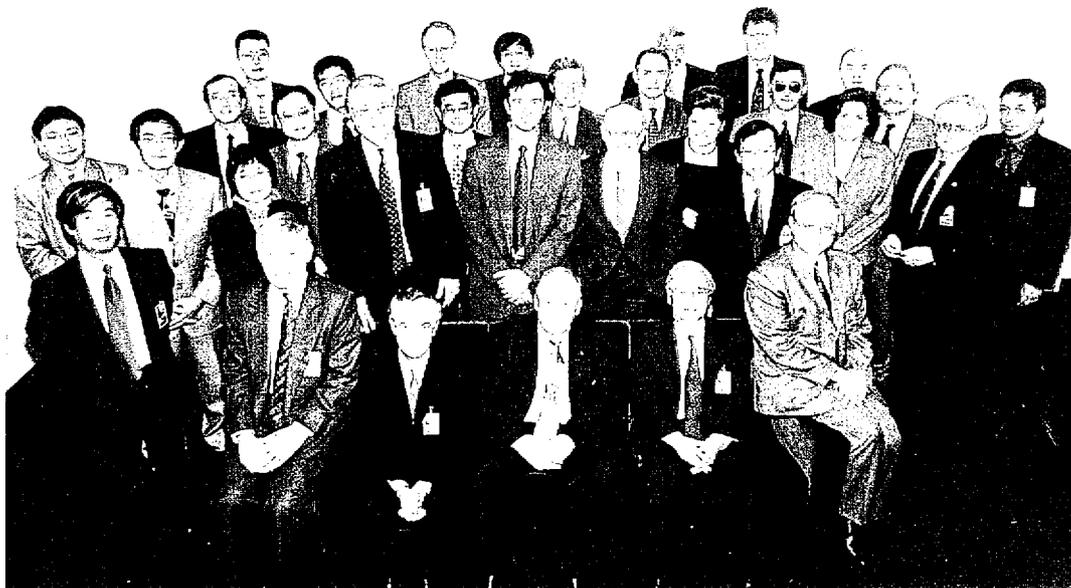
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A meeting of the ITER Council took place in Toronto, Canada, on 27-28 February 2001 (Canada participates in the ITER EDA as an associate of the EU Party). The delegations to the Council were led by Dr. U. Finzi, Principal Adviser in charge of fusion R&D in the Directorate-General for Research of the European Commission, Mr. T. Sugawa, Deputy Director-General of the Research and Development Bureau of the Ministry of Education, Culture, Sport, Science and Technology of Japan, and Academician E. Velikhov, President of the RRC "Kurchatov Institute". The European delegation was joined by Canadian experts including a representative from the Canadian Department of Natural Resources.

The Council heard presentations from Dr. H. Kishimoto on the successful completion of the Explorations concerning future joint implementation of ITER, and from Dr. J.-P. Rager on the ITER International Industry Liaison Meeting held in Toronto in November 2000.

Having noted statements of Parties' status, in particular concerning the readiness to start negotiations and the progress toward site offers, the Council encouraged the Parties to pursue preparations toward future implementation of ITER along the general lines proposed in the Explorers' final report.

The Council also noted the readiness of the RF and EU Parties to instruct specified current JCT members to remain at their places of assignment after the end of the EDA, in preparation for a transition to the Co-ordinated Technical Activities foreseen as support to ITER negotiations.



*Participants in the Meeting*

The Council was pleased to hear that meetings with the Director of the ITER Parties' Designated Safety Representatives had started, and commended the progress toward achieving timely licensing processes with a good common understanding. The Council noted with appreciation the Director's view that no difficulties of principle in the licensing approach had been identified during the informal discussions with the regulatory representatives and it stressed the importance of providing appropriate information on safety, environmental, and waste management aspects of ITER for wide external consideration.

Taking note of the TAC Report and recommendations, the Council accepted the Draft Summary ITER Final Design Report. The Council commended the Director with the support of the JCT, the Home Teams, and Industrial Participants for their efforts to enable preparation of the Draft ITER Final Design Report in a timely manner.

The Council noted with appreciation the conclusion of the TAC that "*ITER-FEAT is now ready for a decision on construction*" and the achievement of the 50% cost reduction target set in 1998. Recognizing the enhancement of the project in terms of the strengthening of the Physics Basis and the accuracy of the cost evaluation, the Council stressed the importance of maintaining the momentum of the Project.

The Council considered the TAC obligations fulfilled and expressed its thanks to TAC for its consistent contribution in providing independent assurance of the scientific and technical coherence of the Project.

The Council agreed to transmit the Draft Summary ITER Final Design Report and supporting technical basis to the Parties for their consideration and domestic assessment with a view to providing comments to the Director by the middle of April. This will lead inter alia to the synoptic Summary of the ITER Final Design Report suitable and available for wide distribution under the responsibility of the Director.

The Council took note of the MAC Report and Advice and accepted its recommendations including, in particular, a recommendation on the proposed establishment of an ad hoc body for the exercise of continuing joint administrative responsibilities that cannot be completed within the duration of the EDA.

At the invitation of the IAEA, the Council agreed to meet in Vienna on 18-19 July 2001. The Council also underlined the need to commemorate the conclusion of the EDA and recognize the forthcoming developments of the Project in a way that would provide the appropriate external visibility to the Project. The RF Delegation invited the Parties to celebrate the completion of the EDA in Moscow. The Contact Persons will consult on finalizing arrangements and developing a programme. (Editor's Note: This event is scheduled for 7-8 July)

## **ITER EDA STATUS**

by Dr. R. Aymar, ITER Director



XA0101216

This article summarizes the progress made in the ITER Engineering Design Activities in the period between the Moscow ITER Meeting in June 2000 and March 2001.

### **Overview**

The Project has focused on drafting the Plant Description Document (PDD), which will be published as the Technical Basis for the ITER Final Design Report (FDR), and its related documentation in time for the ITER review process. The preparations have involved continued intensive detailed design work, analyses and assessments by the Home Teams and the Joint Central Team, who have co-operated closely and efficiently.

The main technical document has been completed in time for circulation, as planned, to TAC members for their review at TAC-17 (19-22 February 2001). Some of the supporting documents, such as the Plant Design Specification (PDS), Design Requirements and Guidelines (DRG1 and DRG2), and the Plant Safety Requirement (PSR) are also available for reference in draft form. A summary paper of the PDD for the Council's information is available as a separate document.

A new documentation structure for the Project has been established. This hierarchical structure for documentation facilitates the entire organization in a way that allows better change control and avoids duplications. The initiative was intended to make this documentation system valid for the construction and operation phases of ITER.