- 2. Extensive international collaboration to consist of:
 - a) a planned program of seconding scientific and engineering personnel to major foreign projects,
 - formal bilateral exchange agreements between the major centres of the Canadian program and appropriate foreign centres,
 - a determined effort to attract the site of the INTOR (International Tokamak Facility) project to Canada.
- A planned program of involving universities in the national fusion effort in order to ensure the training of adequate manpower.
- 4. A minimal federal budget for the National Fusion Program of \$3.0 million dollars for fiscal year 1980/81 increasing to a steady level of \$12 million annually in four years. (Dollar units are constant 1979 dollars.)
- Immediate implementation of the 1980/81 program, a commitment to a National Fusion Program beyond 1980/81 and determination of provincial interest and negotiation of provincial participation.

Steady progress has been made in controlled fusion experiments and to confidently expected that conditions for net emergy production will be demonstrated by 1982 in facilities currently nearing completion. For xample, in an experiment at Princeton, N.J., during the summer of 1978, emperatures in excess of 60 million degrees, well above that required or ignition of the fusion reaction, were obtained. There appears to be ittle doubt that all the necessary conditions for energy production will be achieved in the American Tokamak Fusion Test Reactor (TFTR) scheduled a start operation in 1981 and in other major facilities now under

With the problem of confinement and heating essentially resolved in acilities now under construction, the emphasis in the international fusion roughs in shifting from research to engineering and technology. Recent hought in international circles has been directed to cooperative efforts hight lead to an earlier initiation of the power producing phase of the fusion program than if individual countries were to proceed on their way. A group with representatives from the USA, USSR, Japan and Euratom.