VRIJE UNIVERSITEIT BRUSSEL

Faculteit Toegepaste Wetenschappen
Vakgroep Werktuigkunde
Pleinlaan, 2
B-1050 Brussel

Report on the project proposed by Mr. Keshe

This report is based on a number of papers , written by Mr. Keshe. As these papers are part of a non-disclosure contract, I cannot add them as annexe.

The project deals with the production of energy by a fusion-like process on hydrogen in a reactor. The papers describe the principles , operation and design of the reactor. The principles describe processes similar to the energy production in stars.In the reactor similar conditions will be created through turbulence, centrifugal forces, pressure and electromagnetic fields. This is described in the reactor design paper , while start-up and operation of the reactor are described in the paper on the operation of the reactor.

The papers refer to scientific and pseudo-scientific papers.
In the papers there are no scientific calculations of the process parameters. Also the design of the reactor is only described and no strength or other calculations are performed.The same is true for start-up and continuous operation of the reactor.

The concepts behind the energy production are feasible , The engineering problems however are not analysed and will be important. I advice to study these problems very carefully.

As my research field does not concern nuclear energy production, I strongly advice that a second opinion on the practical feasibility of this project should be given by an expert in the field.

Prof. Dr. ir. Marc Van Overmeire
VUB, Department of Mechanical Engineering
Brussels, March, 16 , 2005