

## *FBNR Letter*

# **FIXED BED NUCLEAR REACTOR – FBNR**

<http://www.rcgg.ufrgs.br/fbnr.htm>  
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Dear coworkers and potential coworkers around the world,

As the number of coworkers is increasing, we are issuing a circular letter to communicate about the matters of general interest to the FBNR project. Please consider this as a personal letter to yourself. Those who are not involved in the project as yet may participate at any appropriate moment. The project has manifold aspects including scientific, technological, economical, political, and sociological.

A new era of nuclear energy is emerging. The International Atomic Energy Agency has committed itself to “Help to ensure that nuclear energy is available to contribute in fulfilling energy needs in the 21<sup>st</sup> century in a sustainable manner; and to bring together both technology holders and technology users to consider jointly the international and national actions required to achieve desired innovations in nuclear reactors and fuel cycles.”- IAEA-TECDOC-1362.

The objective is to develop an innovative nuclear reactor to be inherently safe, passively cooled, small, modular, and simple in design with integrated primary circuit. Safety is achieved by design, and has reduced adverse impact on environment. It is to meet the requirements of GEN IV and IAEA-INPRO as being economic, safe, proliferation resistant and sustainable.

The FBNR may be called People’s Reactor. It is intended to be developed by the peoples for the peoples of the world in the spirit of cooperation and service to humanity. It is intended to be a near term deployment project. Let us form an international consortium to develop this reactor where all members are stakeholders.

An IAEA Coordinated Research Project (CRP) includes FBNR in its program.

**Participate in the project and make a proposal on a particular activity of your interest.**

**FBNR Letter 06 July 28, 2004**

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*The IAEA-CRP is offering 5 contracts for FBNR project.  
Do you want to participate? Make your proposal now!*

Dear coworkers and potential coworkers around the world,

The good news is that the International Atomic Energy Agency's Coordinated Research Project (IAEA-CRP) is offering 5 research contracts on FBNR. The Chief Scientific Investigators of the chosen groups are in Brazil, England, Russia and Vietnam. It is asked that each group come up with a research proposal to be approved by the IAEA authorities. In this respect, I am informally assisting the CRP Coordinator of the Development of Small Reactors without on-site Refueling project, by coordinating the proposals on FBNR in order that they would not be repetitive and to be harmonious.

I would like to request that all interested in participating in this CRP, please send me your proposals on the problem of your interests in order that they can be grouped accordingly. As a mere suggestion, please see section 8 of the paper presented to the IAEA Technical Meeting in June 2004 in the site: [<http://www.rcgg.ufrgs.br/fbnr.htm> ].

Looking forward to hear from you as soon as possible,

Cordially Yours,  
F. Sefidvash

[Return to FBNR](#)