

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 number of coworkers is increasing, we are issuing a common letter to communicate about the matters of general interest related 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.

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.

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.

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

FBNR Letter No. 01 – June 19, 2004

- As a result of the IAEA's Technical Meeting on Innovative Small and Medium Sized Reactors held in Vienna during June 7-11, it was decided to choose coated particle option as the fuel for the FBNR.
- Please read the attached paper that was presented at the meeting where a preliminary program of research activities is suggested in section 8. Please inform me which area of the research you and/or your institution is interested in to participate. Indicate any additional specific study of your interest within the context of the project. This is a kick-off effort and during the progress of the project and the process of consultation with you and your feedback, the program may change its priorities. I will submit your proposals to the Coordinator of the IAEA Coordinated Research Project.
- Awaiting your proposals, comments and suggestions.
- Cordially yours, Dr. F. Sefidvash

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