

FBR Research and Development Framework Prior to the Start of the Preliminary Design (concerning the reactor)

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Ministry of Education, Culture, Sports, Science and Technology

Ministry of Economy, Trade and Industry

The Federation of Electric Power Companies of Japan

Japan Atomic Energy Agency

In connection with the activities for Research and Development toward Practical Application of Fast Breeder Reactors, the research and development framework associated with the principal concept of FBRs (MOX fuel loop sodium reactor) will be implemented as described below.

The research and development framework that will follow the start of the preliminary design of a demonstration reactor will be reviewed at the time of that start.

- With the elimination of the previous convoy-fleet system, the responsibility and power and engineering functions will be given to a single core manufacturer so that FBR development activities may be effectively carried out under a chain of responsibility.
- It is desirable that such a core company establish an FBR development company (hereinafter called a “new company”) with electric power companies injecting part of the investments. The new company will collectively implement FBR-related engineering activities and execute procurement from manufacturers so that FBR-related engineering functions may be concentrated.
- In compliance with the policies to be established by the Ministry of Education, Culture, Sports, Science and Technology, Ministry of economy, Trade and Industry, The Federation of Electric Power Companies of Japan, and Japan Atomic Energy Agency (JAEA), the last mentioned organization will form a committee to select the above-mentioned core manufacturer. The aim of the committee shall be to nominate a single core company from the viewpoint of technological capabilities required for FBR development, technological development

track records, and cultivation of capability of the country's industries as a whole. The committee will separately define the details of selection procedures, criteria for selection, specific activities expected of the core company, and other details.

- Japan Atomic Energy Agency will report the selection result to the Ministry of Education, Culture, Sports, Science and Technology, Ministry of economy, Trade and Industry, and The Federation of Electric Power Companies of Japan for approval.

The research and development framework associated with the secondary concept (metal fuel core) will be implemented under a chain of responsibility independently of the principal concept.

