

OPENING ADDRESS

Katsuhisa Ida

Deputy Director-General, Atomic Energy Bureau
Science and Technology Agency
Japan

Mr. Chairman, Ladies and Gentlemen!

It is a great pleasure and honor for me to deliver the opening address at this Conference to be convened as the 5th one of the OECD/NEA series, where so many distinguished scientists have gathered from all the world. First of all, I would like to give a sincere welcome to all of you.

Recently, it has become well recognized that a reliable data base is essential in nuclear research and development. Particularly for the innovative science and technology, very fundamental data bases in various fields are much required. Data bases have been developed in various fields, and this effort must be continued in the future.

Nuclear data are some of the most basic data base, and are required not only for nuclear energy but also for various application areas such as medicine, biology and astrophysics. Considering a large number of existing nuclides and of the required quantities, no individual country can develop them by himself and international cooperation is essential. The Four Center Network System consisting of USA/BNL, NEA/Data bank, IAEA/NDS and USSR/Obninsk has functioned very successfully since 1965, and shows us one of the best example as the international cooperation.

The activity of nuclear data in Japan has been developed since the 1960's. The Japan Atomic Energy Research Institute which is organizing this Conference, has developed various kinds of data bases as an integrated central research institute in Japan, and JAERI has developed successfully the Japanese Evaluated Nuclear Data Library, JENDL, which is highly estimated all over the world, in cooperation with the Japanese Nuclear Data Committee. In developing JENDL, most of experimental data has been obtained through NEA/Data Bank. On the other hand, part of JENDL has been adopted by the European-Japanese Joint Evaluated File.

International cooperation on the basis of "give and take" principle thus functions very successfully in the nuclear data activity!

Facing to the forthcoming 21 countries, nuclear basic research, underlying technological development and leading project such as nuclear fusion have been planning in the nuclear society including Japan. In order to fulfil these activities, the data base of such fundamental facts as nuclear data is essential and should be developed with international cooperation. I, as the Deputy Director General of Atomic Energy Bureau in Science and Technology Agency, will make my best effort so that the Japanese Government may encourage such international cooperation in nuclear data activity.

I am very sure that the results of the Conference will be very fruitful.
Thank you for your attention.