

IAEA



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PRESS RELEASE

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WORLD COMPUTER LINKS FOR NEUTRON DATA INFORMATION EXCHANGE

Vienna, 14 August 1967 - Basic neutron data are becoming available in massive quantities - one experiment alone might provide thousands of items of information - and the means of making them available to research scientists have to become more sophisticated.

Links between computerized neutron data compilation centres in Western Europe, USSR, USA and the International Atomic Energy Agency (IAEA) have been initiated to enable the information essential for reactor designers and theoretical or experimental physicists to be available throughout the world.

Co-operation is progressing in accordance with recommendations made by an International Nuclear Data Committee.

The IAEA neutron data centre in Vienna arranged for a meeting of representatives of the four centres last week to discuss details. These centres share the responsibility of collecting and disseminating information roughly according to the scheme:

The Brookhaven National Laboratory Sigma Centre services USA and Canada.

The Neutron Data Compilation Centre of the European Nuclear Energy Agency (ENEA) services countries in Western Europe and Japan.

The Nuclear Data Information Centre in Obninsk services the USSR.

The IAEA Nuclear Data Unit in Vienna services all other countries in Eastern Europe, Asia, Africa, South and Central America, as well as Australia and New Zealand.

All four centres have agreed to exchange information with each of the others.

Producers of data, whether by experiment or evaluation, are urged to submit their results to, or make requests from their appropriate centre. Data submissions and exchanges utilize the media of printed listings, punched cards or magnetic tape and graphical plots of such information are available.