



International Atomic Energy Agency

INDC(SEC)-49/L

INDC

INTERNATIONAL NUCLEAR DATA COMMITTEE

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1975 COMPILATION OF

NATIONAL NUCLEAR DATA COMMITTEES

Supersedes INDC(SEC)-40/L

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July 1975

IAEA NUCLEAR DATA SECTION, KÄRNTNER RING 11, A-1010 VIENNA

ERRATA to INDC(SEC)-49/L

United Kingdom Nuclear Data Committee

Mr. J.A. Dennis - in the third column please insert 'Physicist'.

Bio-Medical Sub-Committee of the UKNDC

Mr. J.A. Dennis - in the third column please insert 'Physicist'.
(Chairman)

Mr. P.D. Holt - in the third column please insert 'Physicist'.
(Secretary)

Dr. R.J. Berry - in the third column please insert:
'Medical doctor with physics training'.

Dr. J. Vennart - in the third column please delete 'Radiobiologist'
and insert 'Physicist'.

Dr. D.K. Bewley - in the third column please insert 'Physicist'.

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INTRODUCTION

This list of currently existing National Nuclear Data Committees, and their memberships, is compiled and published upon the request of the International Nuclear Data Committee with the object to promote the interaction and enhance the awareness of nuclear data activities in IAEA Member States.

The following Member States have indicated the existence of a nuclear data committee in their countries (* denotes changes since last year):

* Bangladesh	Romania
Bulgaria	* Sweden
France	USSR
Hungary	* United Kingdom
India	* USA
Japan	Yugoslavia

In order to keep this file up-to-date, recipients of this compilation are requested to communicate to the IAEA Nuclear Data Section corrections, additions or deletions as they occur. This compilation is proposed to be issued yearly so as to reflect the formation of new committees and changes in the membership of existing committees.

BANGLADESH

Bangladesh Nuclear Data Committee

Aim and Objective:

The aim and objective of the Committee is to co-ordinate, compile and evaluate the research activities, both theoretical and experimental, in the field of Nuclear Physics including neutron and reactor physics in Bangladesh.

Members:

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Innas Ali, Prof. M. (Convenor)	Bangladesh Atomic Energy Commission, P.O. Box No.158, Dacca.	Chairman, BAEC
Islam, Dr. M. Mizanul (Secretary)	Atomic Energy Centre P.O. Box No. 164 Ramna, Dacca.	Research Physicist
Rahman, Dr. Mizanur	Atomic Energy Centre P.O. Box No. 164 Ramna, Dacca.	Research Physicist
Khan, Dr. A.H.	Atomic Energy Centre P.O. Box No. 164 Ramna, Dacca.	Research Chemist
Mondal, Dr. Wadud	Institute of Nuclear Technology, c/o. Atomic Energy Centre, P.O. Box 164, Dacca.	Research Physicist
Siddiq, Prof. A.K.M.	Department of Physics, Dacca University.	Professor
Husain, Prof. Ahmed	Department of Physics, Rajshahi University.	Professor
Ahmed, Dr. Ekhlasseuddin	Department of Physics, Chittagong University.	Associate Professor

BULGARIA

National Nuclear Data Committee

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Nadjakov, Dr. E. (Chairman)	Institut Physique Academie Bulgare des Sciences, Sofia	Nuclear Reaction Group (Chief), nuclear structure physics
Christov, Dr. V.	Institut Physique Academie Bulgare des Sciences, Sofia	Reactor Physics and Nuclear Energy Group (Chief), neutron diffusion and thermalization
Dermendjiev, Dr. E.	Institut Physique Academie Bulgare des Sciences, Sofia	Nuclear fission

FRANCE

Nuclear Data Committee of the French Atomic Energy Commission

Objective

The objective of this committee is to maintain a link between measurers, evaluators, and users of nuclear data belonging to different organizations within the CEA. Until now, the committee has been concerned almost exclusively with neutron data, and has had the following functions:

- the establishment and discussion of request lists
- the discussion of experimental programmes and evaluation tasks having the objective of improving coordination and exchanging information on computer programmes (codes).
- the dissemination of information, in particular that provided by the international committees (EANDC and INDC), and the collection of information for these committees.

Organization and Function

The Nuclear Data Committee, composed of 23 members, represents nuclear data users and nuclear data producers (experimental and theoretical physicists and evaluators) from a number of organizations and centres of the French Atomic Energy Commission.

The Chairman of the Committee (President) is appointed for one year, with a possible extension of his term in office. The chairman for 1974 is A. Michaudon.

The committee meetings, which occur a number of times per year and last for not longer than one day, are called by the chairman, and assisted by a secretary. The agenda for the meetings are drawn up by the chairman in accordance with the representation of organizations concerned. Depending on the agenda, expert advisers or observers can be invited to participate in the meetings.

In addition to plenary sessions, special working groups meet as required to study certain topics relevant to the work of the Committee.

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Barre, Dr. J. Y.	DEDR/DPRMA/SECPR Centre de Cadarache BP no. 1-13115 St Paul-Lez-Durance	Fast reactor physics
Bouchard, Dr. J.	DEDR/DPRMA/SPEC Centre de Fontenay-aux- Roses, BP no 6- 92260 Fontenay-aux-Roses	Experimental neutron physics
Cabe, Dr. J.	Centre d'Etudes de Valduc BP no. 14 - 21120 Is-sur-Tille	Experimental neutron physics
Cardot, Dr. M.	Centre d'Etudes de Limeil B.P. no. 27 94190 Villeneuve St Georges	Theor. neutron physics
Communeau, Mme F.	Centre d'Etudes de Limeil BP no 2 - 94190 Villeneuve St Georges	Theor. neutron physics
Derrien, Dr. H.	NEA Neutron Data Compilation Centre B.P. no. 9 91190 Gif-sur-Yvette	Experimental nuclear physics Evaluation
Devillers, Dr. C.	DEDR/DPRMA/SERMA Centre de Fontenay-aux- Roses, BP no 6 - 92260 Fontenay aux Roses	Experimental neutron physics and shielding
Didier, Dr. D.	Service de Physique Nucléaire Centre d'Etudes de Bruyères- le-Châtel, BP no. 61 92120 Montrouge	Experimental nuclear physics
Joly, Dr. R.	DPh-N/MF -Centre d'Etudes Nucléaires de Saclay BP no 2 - 91190 Gif-sur-Yvette	Experimental nuclear physics

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Lafore, Dr. P.	DEDR/DPRMA - Centre d'Etudes Nucléaires de Saclay, B.P.no 2 91190 Gif-sur-Yvette	Reactor physics
Laubuge, Dr.R.	Centre d'Etudes de Bruyères-le-Châtel BP no. 61 - 92120 Montrouge	Radiochemistry
Leroy, Dr.J.L.	DEDR/DPRMA/SECPR Centre de Cadarache BP no 1 - 13115 St Paul Lez Durance	Reactor physics
Michaudon, Dr. A.	Service de Physique Nucléaire Centre d'Etudes de Bruyères- le-Châtel, B.P. no. 61 92120 Montrouge	Experimental nuclear physics
Ouvry, Dr.F.	Centre d'Etudes de Limeil BP no. 27 - 94190 Villeneuve St. Georges	Experimental nucl. physics
Parisot, B.	Centre d'Etudes de Vaujours BP no. 7 - 93270 Sevran	Theor.neutron physics
Paya, Dr. D.	DPh-N/MF Centre d'Etudes Nucléaires de Saclay BP no.2 - 91190 Gif-sur-Yvette	Experimental nuclear physics
Philis, C.	Service de Physique Nucléaire Centre d'Etudes de Bruyères- le-Châtel BP no 61 - 92120 - Montrouge	Radiochemistry - Evaluation
Ribon, Dr. P.	DEDR/DPRMA - Centre d'Etudes Nucléaires de Saclay BP no 2 - 91190 Gif-sur-Yvette	Experimental nuclear physics - Evaluation

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
Salvy, Dr. J.	Service de Physique Nucléaire, Centre d'Etudes de Bruyères-le-Châtel BP no.61 - 92120 Montrouge	Theor.nuclear physics Evaluation
Schmidt, Dr.A.	DEDR/DPRMA/SECPR - Centre de Cadarache BP no.1 - 13115 - St Paul-Lez-Durance	Experimental nuclear physics
Soleilhac, Dr. M.	Service de Physique Nucléaire, Centre d'Etudes de Bruyères-le-Châtel BP no.61 - 92120 Montrouge	Experimental nuclear physics - Evaluation
Tellier, Dr. H.	DEDR/DPRMA Centre d'Etudes Nucléaires de Saclay, BP no.2 - 91190 Gif-sur-Yvette	Thermal reactor physics
Vidal, Dr. R.	DEDR/DPRMA Centre d'Etudes Nucléaires de Saclay BP.no.2 - 91190 Gif-sur-Yvette	Reactor physics

HUNGARY

Hungarian Nuclear Data Committee

Currently, the Subcommittee for Nuclear Physics of the Hungarian Academy of Sciences serves as the national nuclear data committee.

<u>Name</u>	<u>Address</u>
Berényi, D.(Chairman)	Nuclear Research Institute 18-C Bem Ter Debrecen, Hungary
Erő, J.(Secretary)	Central Research Institute of Physics POB 49, H-1525 Budapest, 114
Angeli, I.	Dept.of Experimental Physics Kossuth University P.O.B. 105 H-4001 Debrecen
Bencze, Gy.	Central Research Institute of Physics P.O.B.49 H-1525 Budapest 114
Csikai, Gy.	Dept.of Exp. Physics Kossuth L. University P.O.B. 105 H-4001 Debrecen
Németh, J.	Dept. of Theor. Physics Eötvös L. University Budapest
Fényes, T.	Nuclear Research Institute 18-C Bem Ter Debrecen
Hrehuss, Gy.	Central Research Institute of Physics, P.O.B. 49 H-1525 Budapest 114

<u>Name</u>	<u>Address</u>
Keszthelyi, L.	Central Research Institute of Physics P.O.B. 49 H-1525 Budapest 114
Kisdi, D.	Dept. of Physics Technological University Budapest
Kiss, A.	Dept. of Atomic Physics Eötvös L. University Budapest
Kiss, D.	Central Research Institute of Physics P.O.B. 49 H-1525 Budapest 114
Gyarmati, B.	Nuclear Research Inst. 18-C Bem Ter Debrecen, Hungary
Koltay, E.	Nuclear Research Inst. 18-C Bem Ter Debrecen, Hungary
Kosály, Gy.	Central Research Institute of Physics P.O.B. 49 H-1525 Budapest 114
Fodor, I.	Central Research Inst. of Physics P.O.B. 49 H-1525 Budapest 114
Lovas, I	Central Research Institute of Physics P.O.B. 49 H-1525 Budapest 114

<u>Name</u>	<u>Address</u>
Medveczky, L.	Nuclear Research Inst. 18-C Bem Ter Debrecen, Hungary
Schlenk, B.	Nuclear Research Inst. 18-C Bem Ter Debrecen, Hungary
Veres, A.	Isotope Institute Budapest
Zimányi, J.	Central Research Inst. of Physics Budapest

INDIA

1. Indian Nuclear Data Group

<u>Name</u>	<u>Address</u>
Balakrishnan, Shri M.	Nuclear Physics Division Bhabha Atomic Research Centre Trombay, Bombay-400085
Deniz, Shri V.C.	Reactor Engineering Division Bhabha Atomic Res. Centre Trombay, Bombay-400085.
Divatia, Dr. A.S.	Variable Energy Cyclotron Project Bhabha Atomic Research Centre Sector I, Block AF Bidhan Nagar Calcutta-700064
Kapoor, Dr. S.S.	Nuclear Physics Division Bhabha Atomic Res. Centre Trombay, Bombay-400085
Kundu, Dr. D.N.	Saha Institute of Nuclear Phys. 92, Acharya Prafulla Chandra Rd. Calcutta-700009
Rastogi, Shri B.P.	Reactor Engineering Div. Bhabha Atomic Research Centre Trombay, Bombay-400085
Satya Murthy, Dr. N.S.	Nuclear Physics Division Bhabha Atomic Research Centre Trombay, Bombay-400085
Garg, Shri S.B.	Reactor Engineering Div. Bhabha Atomic Research Centre Trombay, Bombay-400085
Joshi, Dr. M.C.	Dept. of Physics, Univ. of Bombay University Campus C.S.T. Road, Kalina Kole Kalyan Bombay-400029

<u>Name</u>	<u>Address</u>
Mitra, Dr. S.K.	Tata Institute of Fundamental Research Colaba Bombay-400005
Navalkar, Dr. M.P.	Nuclear Physics Division Bhabha Atomic Research Centre Trombay, Bombay-400085.
Patwardhan, Dr.P.K.	Electronics Division Bhabha Atomic Research Centre Trombay, Bombay-400085.
Bhattacharya, Shri N.C.	Variable Energy Cyclotron Project Bhabha Atomic Research Centre Sector I, Block AF Bidhan Nagar Calcutta-700064

2. National Committee for Data for Science and Technology

Rao, Dr. C.N.R.	Chairman Indian Institute of Technology Kanpur-16, U.P.
Divatia, Dr.A.S.	Variable Energy Cyclotron Project Bhabha Atomic Research Centre Sector I, Block AF Bidhan Nagar Calcutta-700064
Gaur, Dr. V.K.	Roorkee University Roorkee, U.P.
Parthasarathi, Shri S.	INSDOC Hill Side Road New Delhi-12
Kudchadkar, Dr.A.P.	Indian Institute of Technology Kanpur-16, U.P.

<u>Name</u>	<u>Address</u>
Ananthakrishnan, Dr.	Indian Institute of Tropical Metrology Poona
Ramaseshan, Dr. S.	National Aeronautical Lab. Bangalore
Negi, Dr. J.G.	NGRI Hyderabad
Bhide, Dr. V.G.	National Physical Lab. Hill side Road New Delhi.

JAPAN

Japanese Nuclear Data Committee

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
An, Shigehiro	Department of Nucl.Eng. Faculty of Engineering University of Tokyo 7-3-1 Hongo, Bunkyo-ku 113 Tokyo	Reactor physics
Asami, Akira	Div. of Physics Tokai Research Establishment J.A.E.R.I. Tokai-mura, Naka-gun Ibaraki-ken 319-11	Experimental nuclear physics
Fuketa, Toyojiro	Div. of Physics Tokai Research Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Exp. nuclear physics
Gotoh, Yorio	Div. of Reactor Engineering Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Exp. nuclear physics
Harada, Kichinosuke	Div. of Physics Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Theoretical nuclear physics
Higashihara, Yoshiharu	Fast Breeder Reactor Div. Power Reactor and Nuclear Fuel Development Corp. 1-9-13 Akasaka, Minato-ku Tokyo 107	
Hirata, Mitsuho	Office of Power Reactor Projects J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Reactor Physics
Hisatake, Kazuo	Dept. of Applied Physics Faculty of Science Tokyo Institute of Technology 2-12-1 Ookayama, Meguro-ku 152 Tokyo	Exp. nuclear physics

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
Igarasi, Sin-iti	Div. of Physics Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Theoretical nuclear physics
Iijima, Shungo	Reactor Physics Lab. I NAIG Nuclear Res. Lab. Nippon Atomic Industry Group Co., Ltd. 250 Suehiro-cho, Kawasaki-shi Kanagawa-ken 210	Theoretical Nuclear Physics Reactor Physics
Iijima, Tsutomu	Div. of Reactor Engineerg. Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Experimental Phys.
Katsuragi, Satoru	Div. of Reactor Engineerg. Tokai Res. Establishment J.A.E.R.I. Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Theoretical Reactor Physics
Kawai, Mitsuji	Department of Physics Faculty of Science Tokyo Institute of Techno- logy 2-12-1 Ookayama, Meguro-ku Tokyo 152	Theo. Nuclear Physics
Kimura, Itsuro	Research Reactor Institute Kyoto University Kumatori, Sennan-gun Osaka 590 - 04	Exp. Nuclear Physics
Matsunobu, Hiroyuki	Sumitomo Atomic Energy Industries, Ltd. 2-10 Kanda-kaji-cho, Chiyoda-ku, Tokyo 101	Reactor Physics, Nuclear Physics
Miyasaka, Shunichi	Div. of Reactor Engineering Tokai Res. Establishment Tokai-mura, Naka-gun, Ibaraki- ken, 319-11	Reactor Physics

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
Momota, Teruo	Dept. of Nuclear Engineering Faculty of Engineering Tohoku University Sendai 980	Exp. nuclear physics
Nakagawa, Hiroshi	Atomic Power Development Institute 1-5-1 Uchisaiwai-cho, Chiyoda-ku, Tokyo 100	Reactor Physics
Nakasima, Ryuzo	Dept. of Physics Hosei University Fujimi-cho, Chiyoda-ku 101 Tokyo	Nuclear physics
Natsume, Haruo	Div. of Chemistry Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Nucl. Chemistry
Nishimura, Kazuaki	Div. of Physics Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Exp. nuclear physics
Nozawa, Masao	Thermomuclear Fusion Lab. Tokai Res. Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Reactor Design
Ohno, Yoshihisa	Div. of Physics Tokai Research Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Exp. nuclear physics
Ohta, Masao	Dept. of Nuclear Engineerg. Faculty of Engineering Kyushu University Hakozaki, Higashi-ku Fukuoka 812	Reactor physics

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
Ohtake, Iwao	Development Dept. Fuji Electric Co., Ltd. Tanabe-shinden, Kawasaki-shi Kanagawa-ken 210	Reactor physics
Sakata, Hajime	Deuteron Critical Assembly Oarai Engineerg.Center Power Reactor & Nuclear Fuel Development Corp. Oarai, Ibaraki-ken 311-13	Exp. reactor physics
Sugawara, Akira	PWR Plant Engineerg.Dept. Mitsubishi Atomic Power Industries, Inc. I-297 Kitabukuro-cho, Omiya-shi, Saitama-ken 330	Reactor physics
Tachibana, Akira	The Japan Atomic Power Company Ohte-machi, Chiyoda-ku Tokyo 100	Reactor physics
Tsukada, Kineo	Div. of Physics Tokai Res.Establishment J.A.E.R.I., Tokai-mura, Naka-gun, Ibaraki-ken 319-11	Exp. nuclear physics
Yamakoshi, Hisao	Ship Research Institute 6-38-1 Shinkawa, Mitaka-shi Tokyo 181	Reactor physics
Yamamoto, Masaaki	Atomic Energy Res.Lab. Hitachi Ltd. Ozenji, Kawasaki-shi Kanagawa-ken 215	Reactor physics
Yamamuro, Nobuhiro	Research Lab.of Nuclear Reactor, Tokyo Institute of Technology 2-12-1 Ookayama, Meguro-ku 152 Tokyo	Exp. nuclear physics

ROMANIA

Romanian Nuclear Data Committee

The activities of the Romanian Nuclear Data Committee are coordinated and supervised by the INDC Liaison Officer for Nuclear Data, Dr. S. Râpeanu, Senior Scientist - Institute of Atomic Physics, Head of Division in the State Committee for Nuclear Energy.

<u>Name</u>	<u>Address</u>	<u>Area of Specialization</u>
Baciu, Dr. George	Betatron Lab. of the Institute of Atomic Physics, Head Bucarest, B.P.no. 35	
Cuculeanu, Dr. Vasile	Institute for Nuclear Technologies, Senior Scientist	
Ivaşcu, Dr. Marin	Reaction Mechanism Lab. of the Institute of Atomic Physics, Head Bucarest, B.P. no. 35	
Dr. Mateescu, Nicolae	Nuclear Data Lab. in the Institute of Atomic Physics, Head Bucarest, B.P. no. 35	
Petraşcu, Dr. Marius	Institute of Atomic Physics Deputy Scientific Director Bucarest, B.P. no. 35	
Totia, Eng. Horatiu	Center for Nuclear Documentation and Publications, Director	

SWEDEN

Swedish Nuclear Data Committee (KDK)

Aims and Objectives:

The Committee consists on one hand of users of nuclear data within the reactor, shielding, fusion, medical and biological fields from reactor industries, national institutions and universities, and on the other hand of producers from national institutions and universities. It meets twice a year to discuss questions concerning information and coordination of works in the nuclear data field.

The Committee is annually publishing reports about nuclear data activities in Sweden and is compiling request lists of nuclear data needs in different applied areas. Specialist meetings or panels on relevant topics for the nuclear data needs in Sweden are also arranged.

The present members of the Committee are listed below. The introducers of items in different applied areas are indicated in the right-hand column.

Members:

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Apelqvist, Mr. G.	The National Power Administration Jämtlandsgatan 99 S-162 87 Vällingby	Thermal reactors
Bergqvist, Dr. I.	Lund Institute of Technology Department of Nuclear Physics Box 725 S-220 07 Lund 7	Experimental nuclear physics
Behrenz, Mr. P	Asea-Atom Box 53 S-721 04 Västerås	Thermal reactors
Bonnevier, Dr. B.	The Royal Institute of Technology Department of Plasmaphysics Fack S-100 44 Stockholm 70	Fusion

<u>Name</u>	<u>Address</u>	<u>Area of Speciali- zation</u>
Condé, Dr. H. (Chairman)	National Defence Research Institute Fack S-104 50 Stockholm 80	Experimental nuclear data activities
Grosshög, Dr. G.	Chalmers Institute of Technology Department of Reactor Physics Fack S-402 20 Göteborg 5	Reactor physics
Häggbloom, Dr. H.	AB Atomenergi Fack S-611 01 Nyköping	Fast reactors
Hjärne, Dr. L. (ad hoc member)	AKA-utredningen Humlegatan 1A S-611 01 Nyköping	Reactor waste management
Petterson, Dr. B.G.	The National Institute of Radiation Protection Fack S-104 01 Stockholm 60	Radiation protection, medicine and biology
Strömberg, Dr. L.G.	The Research Institute of National Defence Fack S-104 50 Stockholm 80	Compilation and evaluation
Wiedling, Dr. T.	AB Atomenergi Fack S-611 01 Nyköping	Safeguard

USSR

USSR Nuclear Data Commission

Organization and Objectives of the Soviet Commission on Nuclear
Data of the State Committee on Atomic Energy Utilization

(Text of report given at the 6th INDC Meeting in Vienna, 8 - 12 October 1973)

The Commission on Nuclear Data (K.Ya.D) was formed in 1969 for the purpose of coordinating the activities regarding the need, the measurement, the compilation and evaluation of nuclear data, as well as for establishing international cooperation in the field of nuclear data.

The Commission is composed of leading experts in the field of nuclear data representing a number of institutes. The chairman of the Commission is Professor V.A. Kuznetsov of the Institute of Physics and Energetics (FEI). The organization responsible to the Commission for the conduct of nuclear data activities is the Nuclear Data Centre (CJD) at Obninsk. The commission meets a few times every year (at which time) recommendations are considered in context of plans for nuclear data projects. Until recently, two coordinating groups, which had a broader representation of institutes, were attached to the commission. One coordinating group was responsible for the utilization of nuclear data for reactors and shielding, the other was concerned with measurements and evaluation. These two groups were primarily concerned with neutron data needed for fission reactors and shielding, as well as for fusion reactors. Recently a third group on non-neutron nuclear data has been organized. The organization responsible to this coordinating group is the non-neutron nuclear data centre located at the Kurchatov Institute of Atomic Energy. The initial task of this activity consists in the determination of various needs of nuclear data.

At the present time, the coordinating group on measurements and evaluation is composed of subject-oriented subgroups each responsible for a specific activity. Eight such sub-groups have been established and are responsible for the following subjects:

1. σ_t , v , kinetic energy of fission fragments and methods for the absolute measurements of fission parameters.
2. (n,n') , $(n,2n)$, and neutron fission spectra
3. " α " of fissionable isotopes and $(n,2n)$ reactions
4. Total cross sections
5. Cross sections of highly radioactive nuclides
6. Capture gamma-ray spectra from (n,α) and (n,p) reactions.
7. Standard and reference cross sections.
8. Thermomuclear (synthesis) reactions.

The responsibilities of the subject-oriented subgroups consist of the review of data requests, the promotion of data evaluation and the feeding of the numerical data to the Nuclear Data Centre (CJD).

UNITED KINGDOM

Role of the United Kingdom Nuclear Data Committee (UKNDC)

1. To exercise a co-ordinating role over the U.K. programme of nuclear data measurement, evaluation and compilation.
2. To act as the formal link with international nuclear data committees and data organisations (e.g. INDC, NEANDC, JENDRPC, NEACRP, CCDN).
3. To act as the formal link with other national committees with nuclear data interests.
4. To receive reports from sub-committees.
5. To ensure that there is satisfactory interaction between sub-committees.
6. To identify new areas requiring nuclear data and to encourage provision of the appropriate support for each area.
7. To produce U.K. requests lists on appropriate topics.
8. To act as a centre of information about the U.K. work on nuclear data.
9. To produce an annual progress report on nuclear data activities in the U.K. for presentation to the Director of Harwell and to the relevant international data committees.

Role of the Sub-Committees of the UKNDC

1. To review (or take note of) the nuclear data needs and formulate the requirements in their appropriate areas.
2. To stimulate the fulfilment of data needs.
3. To review progress on meeting the requirements in (a) experimental measurement or theoretical calculation of data, (b) evaluation and (c) compilation.
4. To act as centres of information within the U.K. for dissemination of new information.
5. To arrange suitable fora for discussion of relevant topics.
6. To report to the main committee at regular intervals.

United Kingdom Nuclear Data Committee

Dr. B. Rose (Chairman)	H.8, AERE	Physicist	Head of Nuclear Physics Division. Member of INDC.
Dr. A.T.G. Ferguson	H.8, AERE	Physicist	Nuclear physics, particularly neutron physics, fusion.
Mr. J.G. Cuninghame	B.540.1, AERE	Chemist	Nuclear and radiochemist, fission studies, nuclear medicine.
Dr. C.G. Campbell	A.32, AEEW	Physicist	Head of Reactor Physics Division. Member of NEACRP.
Mr. J.A. Dennis	NRPB, Harwell, Didcot, Oxon, OX11 0RQ.		Interaction of charged particles and neutrons with matter and its radio-biological implications.
Dr. J.E. Lynn	B.418, AERE	Physicist	Nuclear physics, particularly theoretical work on neutron interactions.
Dr. B.H. Patrick (Secretary)	B.418, AERE	Physicist	Nuclear physics, particularly neutron and photonuclear physics. Member of CCDN Committee.
Mr. J.L. Rowlands	A.32, AEEW	Physicist	Fast reactor physics calculations and data. Scientific adviser at INDC.
Dr. M.G. Sowerby	B.418, AERE	Physicist	Nuclear physics, particularly neutron physics and data evaluation. Member of NEANDC.
Mr. J.S. Story	A.32, AEEW	Physicist	Nuclear data for thermal and fast reactors, U.K. nuclear data library. Member of NEANDC.
Dr. C.A. Uttley	B.477, AERE	Physicist	Neutron physics and data evaluation.
Dr. J. Vennart	MRC Radiobiology Unit, Harwell, Didcot, OXON, OX11 ORD.	Physicist	Assistant Director. Effects of radioactive materials on the body.

Neutron Sub-Committee of the UKNDC

Dr. J.E. Lynn (Chairman)	B.418, AERE	Physicist	Nuclear physics, particularly theoretical work on neutron inter- actions.
Dr. D.J. Edens	Berkeley Nuclear Lab., C.E.G.B, Berkeley, Gloucestershire, GL13 9PB.	Physicist	Physics of the cores of thermal reactors.
Dr. C.G. Campbell	A.32, AEEW.	Physicist	Head of Reactor Physics Division. Member of NEACRP.
Dr. A.C. Douglas	N.56, MOD, Aldermaston.	Physicist	Nuclear physics, neutron data evaluation.
Dr. L.G. Earwaker	Radiation Centre, Univ. of Birmingham, P.O. Box 363, Birmingham, B15 2TT.	Physicist	Applied nuclear physics, particularly neutron and accelerator physics.
Dr. A.T.G. Ferguson	H.8, AERE	Physicist	Nuclear physics, particularly neutron physics, fusion.
Dr. D.B. Gayther	B.418, AERE	Physicist	Nuclear physics, particularly neutron physics.
Dr. J. Hunt	National Physical Lab., Teddington, Middlesex, TW11 OLW.	Physicist	Neutron flux standard- isation.
Dr. G.D. James (Secretary)	H.7.21, AERE	Physicist	Nuclear physics, particularly neutron interactions.
Dr. B.H. Patrick	B.418, AERE	Physicist	Nuclear physics, particularly neutron and photuclear physics. Member of CCDN Committee.
Mr. J.M. Reid	Kelvin Lab., University of Glasgow, N.E.L. East Kilbride, Lanarkshire.	Physicist	Nuclear physics, particularly electro- and photo-nuclear physics.
Mr. J.L. Rowlands	A.32, AEEW	Physicist	Fast reactor physics calculations and data. Scientific adviser at INDC.

Dr. M.G. Sowerby	B.418, AERE	Physicist	Nuclear physics, particularly neutron physics and data evaluation. Member of NEANDC.
Mr. J.S. Story	A.32, AEEW	Physicist	Nuclear data for thermal and fast reactors, U.K. nuclear data library. Member of NEANDC.
Mr. D.R. Terrey	N.M.A.C.T., H.10.30, AERE	Analyst	Safeguards.

Chemical Sub-Committee of the UKNDC
(also known as the Chemical Nuclear Data Committee)

Mr. J.G. Cuninghame (Chairman)	B.540.1, AERE	Chemist	Nuclear and radio- chemist, fission expert, nuclear medicine.
Mr. A.F. Avery	B.21, AEEW	Physicist	Shielding expert.
Mr. E.A.C. Crouch	B.220, AERE	Chemist	Nuclear and radiochemist, fission expert, mass spectrometry.
Mr. B.S.J. Davies	Berkeley Nuclear Lab., C.E.G.B., Berkeley, Gloucestershire, GL13 9PB.	Chemist	Nuclear data, particularly β and γ decay, nuclear power generation.
Dr. A.T.G. Ferguson	H.8, AERE	Physicist	Nuclear physics, particularly neutron physics.
Dr. A.J. Fudge	B.220, AERE	Chemist	Radiochemist, burn-up expert.
Dr. D. Gibbons	B.551, AERE	Chemist	Radiochemist, analyst.
Mrs. K.M. Glover	B.220, AERE	Chemist	Radiochemist, actinide and α spectrometry expert.
Mr. M.F. James	A.32, AEEW	Physicist	Fast reactor nuclear data expert.
Dr. N.R. Large	B.220, AERE	Chemist	Nuclear and radiochemist, β and γ decay, Mossbauer.
Mr. J. McGhee	B.462, Windscale	Physicist	Reactor physics.
Dr. A.L. Nichols	B.220, AERE	Chemist	Nuclear and radiochemist.
Mr. J. Sherwin	A.32, AEEW	Physicist	Thermal reactor data.
Mr. V.M. Sinclair	B.68, DERE	Chemist	Fast reactor and burn-up expert.
Mr. D.G. Vallis	B.8A, MOD, Aldermaston	Chemist	Nuclear and radiochemist, radiochemical analysis and separations.
Mr. A. Whittaker	BNFL, Windscale	Chemist	Fuel re-processing.
Mr. H.H. Willis	B.220, AERE	Chemist	Radiochemistry for the measurement of fission yields.
Mr. I.C. McKean (Secretary)	B.220, AERE	Chemist	Nuclear and radiochemist, fission yields by mass spectrometry.

Nuclear Incineration Sub-Committee of the UKNDC

Dr. M.G. Sowerby (Chairman)	B.418, AERE	Physicist	Nuclear physics, particularly neutron physics and data evaluation. Member of NEANDC.
Dr. R.H. Clarke	Berkeley Nuclear Lab. C.E.G.B., Berkeley, Gloucestershire, GL13 9PB.	Physicist	Reactor siting and safety philosophy; population doses and risks.
Mr. J.R. Findlay	B.429, AERE	Chemist	Reactor fuel irradiation studies, fission product behaviour and chemical investigations.
Mrs. K.M. Glover	B.220, AERE	Chemist	Radiochemist, actinide and α -spectrometry expert.
Mr. M.J.S. Smith	B.429, AERE	Chemical Engineer	Radioactive waste.
Mr. J.G. Cuninghame	B.540.1, AERE	Chemist	Nuclear and radiochemist, fission studies, nuclear medicine.

Fusion Sub-Committee of the UKNDC

Dr. C.A. Uttley (Chairman)	B.477, AERE	Physicist	Neutron physics and data evaluation.
Dr. T.D. Beynon	Dept. of Physics, Univ. of Birmingham, P.O. Box 363, Birmingham, B15 2TT.	Physicist	Theory of neutron interactions, applications in fusion and fission; laser fusion.
Mr. G. Constantine (Secretary)	B.521, AERE	Physicist	Reactor physics, neutronics of fusion.
Dr. A.J. Fudge	B.220, AERE	Chemist	Radiochemist, burn-up expert.
Dr. G. McCracken	D.5, Culham Lab.	Physicist	Surface physics, blistering, trapping and re-emission; behaviour of gas in the reactor structure.

Bio-Medical Sub-Committee of the UKNDC

Mr. J.A. Dennis (Chairman)	National Radiological Protection Board, Harwell, Didcot, Oxon OX11 ORQ.		Head of Physics Research, NRPB. Interaction of charged particles and neutrons with matter and its radio- biological implications.
Mr. P.D. Holt (Secretary)	B.364, AERE.		Measurement of neutron fluence, dose and spectrum for radiobiology and radio- logical protection. Microscopic energy deposi- tion by neutrons and its radiobiological implic- ations.
Mr. B.H. Armitage	B.477, AERE	Physicist	Measurement of neutron cross sections. Measure- ment of energy loss and straggling for charged particles.
Dr. R.J. Berry	MRC Radiobiological Unit, Harwell, Didcot, Oxon, OX11 ORD.		Cellular radiobiology. Radiotherapy (including neutron radiotherapy).
Dr. D.K. Bewley	MRC Cyclotron Unit, Hammersmith Hospital, Ducane Road, London, W12 OHS.		Neutron dosimetry for radiotherapy.
Dr. P. Christmas	Division of Radiation Science, National Physical Lab., Teddington, Middlesex.	Physicist	Nuclear decay schemes: beta ray spectrometry.
Dr. A.T.G. Ferguson	H.8, AERE.	Physicist	Measurement of neutron cross sections and flux. Interaction of charged particles with matter. Decay schemes.
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Dr. J. Vennart	MRC Radiobiological Unit, Harwell, Didcot, Oxon, OX11 ORD.	Radio- biologist	Assistant Director, MRC Radiobiological Unit. Radiological protection: internal radiation.
Mr. A. Williams	Division of Radiation Science, National Physical Lab., Teddington, Middlesex.	Physicist	Head of Neutron and Radio- activity Measurements Section. Neutron dosimetry cali- brations for therapy and protection. Radioactivity standards and measurements of decay schemes.

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AEEW	Atomic Energy Establishment, Winfrith, Dorchester, Dorset.
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Culham	Culham Laboratory, Culham, Abingdon, Oxfordshire.
Windscale	Windscale Works, Sellafield, Calderbridge, Cumbria.

UNITED STATES

ERDA Nuclear Data Committee

Aims and Objectives:

The membership consists of scientists from major federal laboratories responsible to the Energy Research and Development Administration (ERDA), a representative from the National Bureau of Standards, and ERDA staff from the Divisions of Physical Research, Reactor Research and Development, and Controlled Thermo-nuclear Research. The Committee concerns itself principally with applied nuclear data activities and especially those pertaining to nuclear energy. The Committee provides assistance and guidance to ERDA through review of programs. The Committee also provides assistance for meeting U.S. responsibilities to international nuclear data activities. Normally, an annual meeting of the Committee is scheduled.

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YUGOSLAVIA

National Nuclear Data Committee

The interim Yugoslav nuclear data committee is composed presently of the chairmen of the nuclear sciences departments of the main research institutes, and the INDC Liaison Officer for Yugoslavia.

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