



International Atomic Energy Agency

INDC(SEC)-13/U

377

IN DC

INTERNATIONAL NUCLEAR DATA COMMITTEE



LIS^m OF DOCUMENTS

RECEIVED BY THE INDC SECRETARIAT



November 1970

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

LIST OF DOCUMENTS

RECEIVED BY THE INDC SECRETARIAT

International Atomic Energy Agency
Nuclear Data Section
Kärntnerring 11-13
P.O. Box 590
A-1011 Vienna, Austria

November 1970

INTRODUCTION

The Nuclear Data Section of the International Atomic Energy Agency receives documents originated by or for the International Nuclear Data Committee for distribution, and single copies of reports for information. This list includes all INDC documents received and distributed between June and November 1970; it is a sequel to the previous list of INDC-Documents, INDC(SEC)-8/U, distributed June 1970.

In addition to the INDC documents received by the INDC Secretariat for distribution, this document also lists the titles of reports received as single copies for information. These documents are not meant to be distributed by the INDC Secretariat, but should be requested from the originating laboratory or organization. All of the single copy documents, which have been received between 19 June 1970 and November 15, 1970 are listed in Appendix A to this document.

A limited number of INDC documents are still available and can be ordered from the:

IAEA Nuclear Data Section
Karntnerring 11
P.O. Box 590
A-1011 Vienna, Austria

EXPLANATION TO THE TABLE

INDC Document Designator

The INDC document designator consists of four parts:

1. The "INDC" prefix letters;
2. The origin designator, that is the code of the Member State or Organization which originated the document, in parenthesis, immediately following the prefix. (A list of currently used origin designator codes is given below.)
3. The number of the document, assigned chronologically for each origin series independently;
4. The distribution given to the document, in the form of a letter code. (A list of INDC distribution codes is given below.)

Date received

This date indicates when the document was received by the INDC Secretariat.

Original Document Identification

Original document identification, that is, the series and number under which it is normally referred to, or under which it was initially released (e.g. BARC-474, IA-4095, etc.).

Document Titles, Authors, other Identification Numbers

Full title of the document, author, corporate author, and all other known identification numbers which have been assigned to the document.

Accession Number

Chronologically assigned numbers for internal INDC Secretariat use. These numbers are an extension of the sequence used for the INDC-document series until December 1967.

ORIGIN DESIGNATOR CODES

AUL	Australia	JAP	Japan
AUS	Austria	NED	Netherlands
BUL	Bulgaria	NDS	Nuclear Data Section
BZL	Brazil	PAK	Pakistan
CAN	Canada	POL	Poland
CCP	Union of Soviet Socialist Republics	RUM	Romania
EANDC	European American Nuclear Data Committee	SAF	South African Republic
ENEA	European Nuclear Energy Agency	SEC	INDC Secretariat
EUR	Euratom	SWD	Sweden
FIN	Finland	SWT	Switzerland
FR	France	TAI	Thailand
GER	Germany, Federal Republic of	TUR	Turkey
HUN	Hungary	UK	United Kingdom
IAEA	International Atomic Energy Agency	UNI	international origin
IND	India	USA	United States of America
ISL	Israel	YUG	Yugoslavia

CATEGORIRES OF DOCUMENTS FOR THE USE OF THE INDC

INDC documents are presently distributed according to three categories:

G - Distribution of INDC documents concerning internal Committee matters intended for members of the Committee and other continuing participants only.

The number of INDC/G documents needed for distribution is 30.

L - Distribution of INDC documents concerning the international effort in the field of nuclear data. This group of recipients consists of Committee Members and other continuing participants, INDC Liaison Officers, Local Data Committees, Heads of Data Centres, and IAEA Secretariat.

The number of INDC/L documents needed for distribution is 202.

U - General distribution of technical INDC documents. This group of recipients consists of G, L plus additional distribution requested by Member States.

The number of INDC/U documents needed for distribution is 379.

For the complete list of individuals assigned to each of the above distribution codes, please consult the current "INDC Correspondents for the Exchange of Nuclear Data Information", INDC(SEC)-12/U, published November 1970.

NOTICE TO INDC DOCUMENT ORIGINATORS

Member States and Organizations submitting documents to the INDC are advised to assign an INDC document designator, as described below, and affix it to the upper right-hand corner of the document prior to its distribution.

The INDC Secretariat (IAEA Nuclear Data Section) serves as the distribution centre for INDC documents. It is, however, expected that Member States distribute those documents which they originate to the individuals within their own country. Names of individuals to receive each one of the above described distributions, should be provided periodically by the Member States and Organizations to the Scientific Secretary of the INDC (IAEA Nuclear Data Section). It is also requested that a sufficient number of document copies for the appropriate distribution (as indicated above) be provided by the originating state or organization to the INDC Secretariat (IAEA Nuclear Data Section).

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Note: The INDC distributions include individuals who are in the EANDC distribution area. To avoid duplicate distribution of documents, the INDC Secretariat does not distribute in the EANDC area those INDC documents which originate in the EANDC area. Originators of INDC documents in the EANDC area are therefore advised that the number of documents to be sent to the INDC Secretariat for distribution should be based on the reduced, non-EANDC, distributions.

The number of documents needed for the reduced, non-EANDC, distributions are:

reduced G distribution: 13
reduced L distribution: 82
reduced U distribution: 166

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Information for librarians

If the documents carry an original identification such as BARC-... or AERE-..., etc., the INDC-number should be ignored.

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc.	Internal Accession Number
INDC(IND)-11/U	Jun 70	BARC-474	Progress Report on Nuclear Data Activities in India - VI, M. Balakrishnan	350
INDC(EUR)-3/G	Jun 70	EANDC(E)131AL	Measurement and Normalization of the ^{239}Pu Fission Cross-Section in the Low Resonance Region, A.J. Deruytter et al.	351
INDC(ENEIA)-3/G	Jun 70	-	Report of the ENEA/CCDN to the INDC, June 1969 - June 1970, by H. Liskien	352
INDC(CCP)-8/G	Jun 70	-	Collection of Abstracts, Volume 8 (in Russian)	353
INDC(CCP)-8/U	-	-	English translation of INDC(CCP)-8/G	353E
INDC(CCP)-9/G	Jun 70	-	Collections of Abstracts, Volume 9 (in Russian)	354
INDC(CCP)-9/U	-	-	English translation of INDC(CCP)-9/G	354E
INDC(EUR)-4/G	Jun 70	EANDC(E)127U	Progress Report on Nuclear Data Research in the Euratom Community for the period January 1 to December 31, 1969	355
INDC(CCP)-10/U	Jun 70	IAE-1986	Nuclear Data for Thermonuclear Reactors	356
INDC(AUL)-8/G	Sep 70	IAE-1986	Yu.F. Tchernilin and G.B. Jankov	356E
INDC(NDS)-18/L	Jun 70	-	English translation of INDC(CCP)-10/G	357
INDC(POL)-3/L	Jun 70	Report No. 1197/I/PL	Report on Australian Activities, May 1969 - May 1970	358
			Current status of U-238 capture cross-section data in the neutron energy region 2 keV - 10 MeV, V.A. Konshin, March 1970	359
			Progress Report on Nuclear Data Research in Poland, May 1969 - April 1970, by A. Marcinkowski	359

Internal
Accession
Number

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc.
INDC(AUS)-1/G	-	-	(Progress Report from Austria; not yet received) 360

INDC(USA)-17/L	17 Jun 70	EANDC(US)-139L	Remarks on the Neutron-Induced Fission Spectrum, by C.R. Lubitz and L. Stewart 361
INDC(USA)-22/U	15 Sep 70	NCSAC-31	The AEC NCSAC Meeting at Argonne National Laboratory, May 20-22, 1970; also EANDC(US)-143U 362
INDC(USA)-20/G		LA-4095	(not yet received) 363
INDC(JAP)-9/U		EANDC(J)19L	Progress Report (Aug. 1969 to June 1970), J. Momota 364
INDC(SEC)-9/L	29 Jul 70	-	Official Minutes of the Second INDC Meeting, Brookhaven National Laboratory, USA, 2-6 June 1969 365
INDC(SEC)-10/G	20 Jul 70	-	"Methods of Work" 366
INDC(GER)-8/U	27 Jul 70	KFK 1075	Neutron Nuclear Data Compilation and Evaluation - past, present and future, J.J. Schmidt, December 1969; also EANDC(E)-124U 367
INDC(GER)-9/U	27 Jul 70	KFK 1080	Evaluated Microscopic Neutron Cross Sections and 26 Group Constants for Cd; H. Bachmann et al., November 1969; also EANDC(E)125U 368
INDC(SEC)-11/G	28 Aug 70	-	Chairman's Report on the INDC for 1968 and 1969, by G.H. Kinchin, May 1970 369
INDC(SWT)-1/G	28 Aug 70	EANDC(OR)-93L	Progress Report to EANDC from Switzerland, edited by T. Hurlimann 370
INDC(NDS)-25/I	1 Sep 70	-	Conclusions and Recommendations of the two IAEA Experts Meetings on α (^{239}Pu) and $\bar{\nu}$ data, Studsvik, Sweden, 10-12 June 1970, by V.A. Konshin and J.J. Schmidt 371

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc.	Internal Accession Number	
INDC(NDS)-26/L	18 Sep 70	-	Report on the Helsinki Conference Questionnaire, L. Hjärne, September 1970	372	
INDC(NDS)-27/G	21 Oct 70	-	Travel Report on the Second International CODATA Conference, St. Andrews, Scotland, 7-11 September 1970, and the Fifth Annual CODATA Meeting, St. Andrews, 12 September 1970; by L. Hjärne and J.J. Schmidt	373	
INDC(SWD)-2/G	9 Oct 70	EANDC(OR)99"U"	Progress Report on Nuclear Data Research from Sweden, August 1970, H. Condé	374	
INDC(SEC)-12/U	Nov 70	-	INDC Correspondents for the Exchange of Nuclear Data Information, November 1970 (supersedes INDC(SEC)-7/U)	376	
INDC(SEC)-13/U	Nov 70	-	List of Documents Received by the INDC Secretariat, November 1970	377	

APPENDIX A

INTERNATIONAL ATOMIC ENERGY AGENCY
INTERNATIONAL NUCLEAR DATA COMMITTEE

List of documents received (single copies only) from July 1970
to November 1970

- AECL-3605 Accuracy of dg/dT for fissile isotopes, with reference to ENDF/B (and other) data files, by C.H. Westcott, AECL; April 1970 (2 copies)
- AEEW-R 685 A review of thermal neutron diffusion data for heavy water and its consequences for neutron scattering law models, by A.T.D. Butland and C.T. Chudley, AEE Winfrith; November 1969
- EANDC 83"U" Technical Minutes of the Thirteenth Meeting of the Committee, Bournemouth, England, 6-10 October 1969
- The Application of Pulsed Neutron Methods to Nuclear Material Safeguards (paper presented at the IAEA Panel on Pulsed Neutron Research, August 1970) by M. Küchle
- Accelerator Booster Optimization, by M. Küchle, KFK Karlsruhe
- EANDC(OR)101"U" Progress Report to EANDC from Portugal, August 1970
- EANDC(UK)128AL A Code of Practice for the Statement of Accuracy
- Analysis of Intermediate Structure in Fission Cross Section of Pu-239, by Y. Kikuchi
- AEEW-R 701 Thermal Neutron Diffusion Data and the Wims Scattering Models for Light Water. By A. Butland, C. Chudley
- IAEA/RL/8 The Determination of the Fast Neutron Fluence by Nickel and Iron Activation Monitors, W. Köhler, IAEA, Vienna, August 1970
- EANDC(OR)103"AL" Neutron Capture Cross Sections in F, Mg, Al, Si, P and S from 20 to 80 keV, G. Nyström, B. Lundberg, I. Bergqvist, Stockholm

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