



International Atomic Energy Agency

INDC - 272
INDC(SEC)-3/U

INDC

INTERNATIONAL NUCLEAR DATA COMMITTEE

LIST OF INDC DOCUMENTS

Vienna, March 1969

272
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IAEA NUCLEAR DATA UNIT, KÄRNTNER RING 11, A-1010 VIENNA

INTERNATIONAL NUCLEAR DATA COMMITTEE

List of INDC Documents

The Nuclear Data Section of the International Atomic Energy Agency distributes documents originated by or for the International Nuclear Data Committee. This list includes all documents received and distributed between January 1968 and April 1969, and is a sequel to the previous list of INDSWG- and INDC-Documents, INDC-199, distributed November 1967. Many of these documents are still available and can be ordered from the

IAEA Nuclear Data Section
Kaerntnerring 11-13
A-1010 Vienna, Austria.

IAEA, March 1969

INTRODUCTION

The International Nuclear Data Committee met for the first time as a permanent advisory body in May 1968 in Vienna. In its "Methods of Work", the INDC proposed that "All documents submitted to the Committee by Member States shall be labelled with a numbering series preceded by the letters INDC, and shall include a symbol to identify the country of origin. The series shall start on 1 January 1968".

In compliance with this proposal, a new document numeration scheme has been adopted wherein the new INDC document number includes the code of the country or organization which originated the document, and wherein each origin series is numbered separately. In addition to the already adopted origin designator codes for countries and organizations, three additional series have been introduced: "SEC", which stands for "secretariat", is assigned to those documents which are originated by the INDC as a body or by the secretariat to the INDC; "NDU" is assigned to documents produced by the Nuclear Data Section for the INDC; and "UNI" is assigned to documents of international origin, such as CINDA. In addition to these changes, it was also deemed desirable to include the document distribution code in the new INDC document designator, so as to convey this information directly to the document recipient.

In order to differentiate this new document series from the earlier INDSWG- and INDC-documents, this new list of documents contains only those documents submitted to the INDC after 1 January 1968, and does not include the documents listed in the earlier list of documents, INDC-199. Since the new list starts where the earlier one stopped, continuity of the total compilation is maintained.

Explanation to the Table

INDC Document Designator

The new 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 used distribution codes is given below.)

Date received

This date indicates when the document was received by the Nuclear Data Section.

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., CINDA-67, WASH-1093, 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 NDU use. These numbers are an extension of the sequence used for the INDC-document series until December 1967.

Origin designator codes

AUL	Australia	IND	India
AUS	Austria	JAP	Japan
BZL	Brazil	NDU	Nuclear Data Unit, IAEA
CND	Canada	NOR	Norway
CCP	Union of Soviet Socialist Republics	POL	Poland
DEN	Denmark	RUM	Rumania
EANDC	European American Nuclear Data Committee	SEC	INDC Secretariat
ENEA	European Nuclear Energy Agency	SPN	Spain
EUR	Euratom	SWD	Sweden
FR	France	SWT	Switzerland
GER	German Federal Republic	TAI	Thailand
GRE	Greece	TUR	Turkey
IAEA	International Atomic Energy Agency	UK	United Kingdom
		UNI	international origin
		USA	United States of America
		YUG	Yugoslavia

Distribution codes

- U = General distribution for documents originated by the IAEA NDU, the Soviet Union, and other parts of the world, excluding those documents originated by the U.S., Canada and countries associated with the ENEA. This distribution list includes individuals on the EANDC distribution. These documents are not sent to libraries without the author's permission.
- E = General distribution for documents originated anywhere in the world. This list excludes individuals on the EANDC "U" distribution list, and those who reside in countries associated with the EANDC. (This has also been referred to as category Un.)
- L = Regional liaison officers of the Nuclear Data Unit.
- G = INDC members and individuals associated with the committee operation.
- C = Recipients of CINDA, the index to the literature on microscopic neutron data. (This category consists of the distribution E + special list.)
- D = Recipients of CINDU, the catalogue of numerical neutron data available from the IAEA Nuclear Data Unit. (This category consists of the E distribution + data centers + special list.)
- N = Recipients of documents (such as the NDU Newsletter) originated by the Nuclear Data Unit, and distributed to individuals who have an interest in the Nuclear Data Unit development. (This list is composed of the G + L distributions + special list.)

Information for librarians

If the documents carry an original identification such as WASH-... or EANDC-..., etc., the INDC-number should be ignored. Often, the INDC-number does not even appear on the document, but the following label appears instead:



INTERNATIONAL ATOMIC ENERGY AGENCY
NUCLEAR DATA UNIT

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Only in such cases as the documents have only an INDC identification should this be used for classification and reference.

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(UNI)-1/C	18 Jan 68	CINDA-67	CINDA 67 compilation, parts 1 and 2 (also EANDC-70, CCDN-CI/19, TID-24049)	205
INDC(IND)-1/G	19 Mar 68	BARC-291	Van de Graaff Laboratory Progress Report; T.P. David	206
INDC(USA)-1/G	30 Nov 67	-	The Evaluation and Processing of Nuclear Data for Use in Reactor Calculations; September 1966; Henry C. Honeck	207
INDC(UK)-1/G	15 Feb 68	HNDC/P49	U.K. Nuclear Data Progress Report (For six month period up to mid-1967) (also EANDC(UK)91)	208
INDC(TAI)-1/G	5 Apr 68	THAI.AEC-10	Certain Accounts on the Utilization of the Thai Research Reactor; Office of the Atomic Energy for Peace	209
INDC(EUR)-1/U	27 Mar 68	EANDC(E)89	Progress Report on Nuclear Data Research in the Euratom Community, 1 January to 31 December 1967	210
INDC(NDU)-1/U	9 Apr 68	-	Neutron Data Compilation at the International Atomic Energy Agency; H.D. Lemmel (presented as paper G-4 at the Second Conference on Neutron Cross Sections and Technology, 4-7 March 1968, Washington)	211
INDC(EANDC)-1/E	5 Mar 68	EANDC-61	RENDA - Compilation of EANDC Requests for Neutron Data Measurements; January 1968; W. Häussermann and S. Schwarz	212
INDC(USA)-2/U	1 Apr 68	WASH-1079	Reports to the AEC Nuclear Cross Sections Advisory Committee, Meeting at Idaho Falls, Oct. 17-18, 1967 (also EANDC(US)104)	213
INDC(USA)-3/G	9 Apr 68	-	Second Neutron Cross Sections and Technology Conference, Washington, March 4-7, 1968	214

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(UK)-2/G	18 Apr 68	AERE-PR/NP 13	Nuclear Physics Division Progress Report for the period 1st May 1967 to 31st October 1967; C.F. Coleman	215
INDC(USA)-4/G	22 Apr 68	-	Major Activities in the Atomic Energy Programs, January - December 1967; USAEC	216
INDC(USA)-5/G	22 Apr 68	-	Fundamental Nuclear Energy Research; USAEC	217
INDC(IND)-2/G	22 Apr 68	BARC-305	Progress Report on Nuclear Data Activities in India-IV; Indian Nuclear Data Group, 1967	218
INDC(IND)-3/G	30 Apr 68	-	Proceedings of the Nuclear Physics and Solid State Physics Symposium 1967, Nuclear Physics; Kanpur, February 27 - March 3, 1967	219
INDC(USA)-6/U	30 Apr 68	EANDC(US)-1066	Report of the NCSAC ad-hoc Subcommittee on Neutron Scattering, Topic No. 1, April 1968	220
INDC(NDU)-2/U	5 Jun 68	-	Nuclear Data Unit Correspondents for the Exchange of Nuclear Data Information; April 1968	221
INDC(AUL)-1/G	2 May 68	-	Report on Australian Activities, May 1967 - May 1968	222
INDC(UK)-3/G	2 May 68	EANDC(UK)-96	Average values of the fission cross section and alpha for ^{239}Pu in the neutron energy range 100 eV to 30 keV; B.H. Patrick et al.	223
INDC(UK)-4/G	2 May 68	EANDC(UK)100	Progress Report on the Direct Measurement of $\alpha(E)$ for ^{239}Pu ; M.G. Schomberg et al.	224
INDC(USA)-7/G	6 May 68	-	Radioisotopes, Stable Isotopes, Research Materials; Isotopes Development Center, ORNL	225
INDC(UNI)-2/G	16 May 68	-	RENDA - A Compilation of Needed Neutron Data prepared for the INDC (preliminary version);	226

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(USA)-8/U	2 May 68	LA-DC-8781	The $^1\text{H}(n,n)$ Cross Section as a Nuclear Standard; John C. Hopkins	227
INDC(USA)-9/G	8 May 68	LA-DC-8859	Elastic Scattering of Fast Neutrons by Liquid Hydrogen, Deuterium, Tritium and by He3; John D. Seagrave	228
INDC(NDU)-3/G Suppl.1-3	11 May 68	-	Status Report on the Review of the 2200 m/sec. Fission Constants; Westcott et al.	229
INDC(POL)-1/G	13 May 68	-	Progress Report on Nuclear Data Research in Poland, May 1967 - April 1968; T. Niewodniczanski	230
INDC(ENEA)-1/G	13 May 68	-	Progress Report of the ENEA Neutron Data Compilation Centre, presented to the 7th INDC meeting by V.J. Bell	231
INDC(CCP)-1/G	31 May 68	-	Nuclear Physics Research in the USSR (Collected Abstracts), Issue 5, 1967	232
INDC(CCP)-1/U	22 Jan 69	-	English translation of INDC(CCP)-1/G	232E
INDC(USA)-10/E	10 Sep 68	WASH-1093	Reports to the AEC NCSAC: Meeting held at Los Alamos, April 3-4, 1968; compiled by M.S. Moore (also EANDC(US)-105, Physics TID-4500)	233
INDC(USA)-11/G	14 May 68	EANDC(US)-107	Preliminary Draft of a Status Report on Heavy-Element Cross Sections; M.S. Moore	234
INDC(NDU)-4/G	13 May 68	-	Report on the Nuclear Data Unit Data-Center Activities	235
INDC(USA)-12/G	13 May 68	-	Comments on the U.S. Progress in Making Measurements Recommended by the Brussels Panel on Standards	236
INDC(USA)-13/G	13 May 68	-	Neutron Capture and Gamma-Ray Production Cross Sections, a draft report to the INDC; R.E. Chrien et al.	237
INDC(AUL)-2/G	13 May 68	-	Australian Comments on Data Catalogues	238

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(USA)-14/G	13 May 68	-	National Neutron Cross Section Center	239
INDC(GER)-1/G	13 May 68	-	Progress Report on Nuclear Data Research in the Federal Republic of Germany; J.J. Schmidt	240
INDC(IND)-4/G	13 May 68	-	Bhabha Atomic Research Centre, Indian Nuclear Data Group: Progress Report for the period May 1967 to April 1968	241
INDC(SEC)-1/G	13 May 68	-	International Nuclear Data Committee: Methods of Work	242
INDC(USA)-15/G	13 May 68	-	Memo to Members of the INDC "Need for both an Executive Secretary and Scientific Secretary for the INDC"	243
INDC(BZL)-1/G	13 May 68	-	Summary of the Progress Report; M.D. de Souza Santos	244
INDC(NDU)-5/D	31 May 68	CINDU-7	CINDU-7 compilation	245
INDC(CND)-1/G	31 May 68	EANDC(Can)-34	Progress report; January 1968; G.C. Hanna	246
INDC(UK)-5/G	17 Jun 68	AEEW-R 597	On the thermal neutron capture cross-sections of cobalt; J.S. Story	247
INDC(AUL)-3/G	9 Jul 68	-	The Statistical Estimation of Thermal-Neutron Cross Sections; J.L. Cook and A.L. Wall (Nucl. Science and Eng. 31, 234-240 (1968))	248
INDC(JAP)-1/E	28 Aug 68	JAERI-2961	Japanese Progress Report to the EANDC (January to December 1967); T. Momota (also EANDC(J)8)	249
INDC(UK)-6/G	29 Aug 68	AEEW-M 824	The UKAEA Nuclear Data Library; February 1968; D.S. Norton	250
INDC(IND)-5/G	28 Aug 68	BARC-318	Angular Anisotropy of Fission Fragments in Ternary Fission of U-235 Induced by 3 MeV Neutrons; D.M. Nadkarni	251

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(IND)-6/G	28 Aug 68	Madras-68	Nuclear Physics & Solid State Physics Symposium, Programme and Abstracts (Madras-36, February 27-March 1, 1968)	252
INDC(UNI)-3/C	28 Aug 68	CINDA-68	CINDA-68 compilation	253
INDC(GER)-2/E	10 Sep 68	KFK 750	Tables of evaluated neutron cross sections for fast reactor materials; I. Langner, J.J. Schmidt, D. Woll (also EUR 3715e, EANDC(E)-88)	254
INDC(UK)-7/G	13 Sep 68	AEEW-M 790	Winfrith Nuclear Data Group Notes on Topics in Nuclear Data Evaluation, 1964-8; M.F. James and J.S. Story	255
INDC(FR)-1/G,L	1 Oct 68	CEA-N-989	Examen Critique des Valeurs de $\alpha = \sigma_C/\sigma_F$ pour le ^{239}Pu au-dela de 1 keV et des Experiences pouvant Ameliorer sa Connaissance; J. Barre et al. (also EANDC(EUR)111)	256
INDC(CCP)-2/G,L	23 Oct 68	-	Method for the Interpolation, Evaluation and Compact Presentation of Inelastic Neutron Scattering Data; V.I. Popov et al. (English translation)	257E
INDC(YUG)-1/G	25 Oct 68	-	Progress Report from Yugoslavia submitted to the 7th INDC Meeting; I. Slaus	258
INDC(UK)-8/E	18 Nov 68	AERE-PR/NP 14	Nuclear Physics Division Progress Report for the period 1st November 1967 to 30th April 1968; Editor: C.F. Coleman	259
INDC(CCP)-3/G	15 Jan 69	-	Nuclear Physics Research in the USSR (Collected Abstracts) No.6, 1968	260
INDC(CCP)-3/U	19 Mar 69	-	English translation of INDC(CCP)-3/G	260E
INDC(USA)-16/E	21 Jan 69	WASH-1124	Report of a Meeting held at Columbia University, New York, October 21-23, 1968 (also EANDC(US)-111)	261

INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc. ...	Accession number
INDC(AUL)-4/G	23 Jan 69	-	Neutron Capture; J.R. Bird (reprinted from The Australian Physicist, Vol.5, No.8, pp.111-115, Aug.1968)	262
INDC(NDU)-6/D	12 Feb 69	CINDU-8	CINDU-8 compilation	263
INDC(NDU)-7/G	6 Jan 69	-	Proceedings of the Panel on Neutron Measurement Standards, Brussels, 8-12 May 1967	264
INDC(GER)-3/E	10 Feb 69	KFK 1000	High Resolution Total Neutron Cross-Sections between 0.5 - 3.0 MeV; June 1968; S. Cierjacks et al. (also EUR 3963e, EANDC(E)-111)	265
INDC(SEC)-2/G,L	28 Feb 69	-	Report to the Director General of the First Meeting of the INDC, Vienna, May 1968	266
INDC(NDU)-8/U	6 Mar 69	-	Nuclear Data Unit Correspondents for the Exchange of Nuclear Data Information, March 1969	267
INDC(UNI)-4/C	10 Mar 69	CINDA-68 suppl.1	CINDA-68 compilation, supplement 1	268
INDC(CND)-2/E	10 Mar 69	EANDC(Can)-37	Canadian List of Requests for Measurement; Oct.1968; G.C. Hanna	269
INDC(CND)-3/E	10 Mar 69	EANDC(Can)-38	Progress Report to the EANDC (by Canada), Feb. 1968 to December 1968	270
INDC(EANDC)-2/L	18 Mar 69	EANDC-78	RENDA - Compilation of EANDC Requests for Neutron Data Measurements	271
INDC(SEC)-3/U	25 Mar 69	-	List of INDC Documents, March 1969	272

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INDC-272

INDC(SEC)-3/U

ADDENDUM 1

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INTERNATIONAL NUCLEAR DATA COMMITTEE

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INDC Document Designator	Date Received	Original Document Identification	Document title, author, other identification numbers, etc.	Accession number
INDC(NDU)-9/U	April 69	IAEA-111	Report of the Panel on Neutron Data Compilation, held 10-14 February 1969 at Brookhaven National Laboratory	273
INDC(IND)-7/G	2 Apr 69	BARC-363	Yield of K X-Rays emitted from U ²³⁶ Fragments; S.S. Kapoor et al., BARC, Bombay	274
INDC(JAP)-2/E	14 Apr 69	JAERI-memo No. 3305	Progress Report January to October, 1968 inclusive; T. Momota (also EANDC(J)10"L")	275
INDC(NDU)-10/G	7 May 69	-	Report of the Nuclear Data Unit to the International Nuclear Data Committee, June 1968 to May 1969	276
INDC(NDU)-11/G	7 May 69	-	Report of the Panel on Neutron Data Compilation (final draft)	277
INDC(ISL)-1/G	8 May 69	-	Progress Report from Israel	278
INDC(GER)-4/E	9 May 69	KFK 793	Analysis of Fast Critical Assemblies and Large Fast Power Reactors with Group-Constant Sets Recently Evaluated at Karlsruhe; H. Küsters et al. (also EUR 3962e and EANDC(E)-113)	279
INDC(GER)-5/E	9 May 69	KFK 880	Card Image Format of the Karlsruhe Evaluated Nuclear Data File KEDAK; D. Woll (also EUR 4160e and EANDC(E)-112"U")	280
INDC(EUR)-2/E	15 May 69	EANDC(E)-115"U"	Progress Report on Nuclear Data Research in the Euratom Community for the period January 1 to December 31, 1968	281
INDC(SAF)-1/G	20 May 69	-	Progress Report to the INDC, 1968; compiled by D. Reitmann	282
INDC(IND)-8/G	27 May 69	BARC-401	Nuclear Data Activities in India - V	283
INDC(PAK)-1/G	27 May 69	-	Progress Report from Pakistan; May 1969	284

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