

RUSSIA NUCLEAR DATA CENTER - RNDC
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CJD Progress Report for NRDC2017 Technical Meeting (23-26 May, 2017, Vienna)

1. Staff

At present moment the number of CJD staff is 4: CJD head (100%), 1 research engineer (100%), 1 leader scientist (10%) and 1 leading research engineer (10%).

2. EXFOR activity.

EXFOR compilation statistics

Trans	Status	Date	Entries total	Entries new	Entries revised	Subents total	Subents New in old+in new	Subents Revised Cor.+nosub
4174	Final	19.01.2017	17	4	13	565	0+255=255	310+0=310
4175	Prelim.	10.04.2017	66	4	62	503	48+27=75	424+4=428

3. NRDC2016 Actions.

CJD is responsible for NRDC2015 Actions:

A1 - Almost all articles registered (15.05.2017) in CoCoS were compiled (excluding 1 article – ISINN-23,88, no tab.data). At allocation site – 60 articles.

A2 – Corrections will be continued: very urgent 23, urgent 12, normal 229- 15.05.2017 at site.

A5 - No reply was sent.

A22, 23, 25, 28, - Will be continued.

A38-42 - Not all English translations were added.

The Actions will be continued. Added: AE –37, YF –16, IZV –4, INDC – 7, ZET -1 . **Total – 65** (at previous years – 201, 139).

A47 - Not finished yet. The rest: U-235-3 Entries (3 Subents, figures of low quality).

A50,53 - Not finished.

A55 - **Finished**

A63 - Not finished. 45 Subents for area 4, 39 for area 2, 83 for area 1

A64 - Not finished. For J,PTE – memo 4C-4/214.

A67 - Not made.

A80 - No aliases were sent.

A83,88 - No feedback was sent.

A86 - Some comments of digitizer were done at EXFOR Workshop2016.

4. Journal YK.

The journal “Yadernye Konstanty” (YK) is continued to be published as the online journal “Yadernye and Reactornye Konstanty” (“PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY. SERIES: NUCLEAR AND REACTOR CONSTANTS”), YK 1997 – 2017 issues are available to read from web-site <http://vant.ippe.ru/en/>

. The journal is available on the site of Russia's scientific electronic library eLIBRARY.RU <http://elibrary.ru>.

Five issues (four regular issues and one special) of the journal “Yadernye Konstanty” were published during 2016 year and one issue has been published in 2017 year.

5. Nuclear data evaluation activity.

The BROND-3.1 was transferred to OECD. BROND-3.1 is available on journal web-site “Yadernye Konstanty” <https://vant.ippe.ru/en/brond-3-1.html> as separate files for each of isotopes included in the BROND-3.1.

The BROND-3.1 description is published in the article :

Blokhin A.I., [Gai E.V.](#) Ignatyuk A.V., Koba I.I., Manokhin V.N., Pronyaev V.G.
“New version of neutron evaluated data library BROND-3.1”

J,YK,,(2),62,2016, see

<https://vant.ippe.ru/en/year2016/2/neutron-constants/1150-5.html>