

CJD PROGRESS REPORT**NRDC Technical Meeting****(23 - 24 May 2011, Vienna)**

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Introduction.

During the time passed after the previous NRDC meeting the current work concerning EXFOR compilation and fulfillment of NRDC-2010 Conclusions and Actions was continued. A large part of activity was related to the nuclear data evaluation.

1. Staff

At present moment the number of CJD staff is 14. After reorganization in 2010, CJD is now a laboratory in frame of department "Institute for Nuclear-Physical Problems of Power Engineering" inside Federal State Unitary Enterprise "State Scientific Centre of the Russian Federation – Institute for Physics and Power Engineering named after A.I.Leypunsky – FSUE "SSC RF – IPPE.

2. EXFOR activity.

After the NRDC2010 Meeting:

Exfor transes 4149-4151 were transmitted as final.

Exfor trans 4152 was transmitted as preliminary.

EXFOR compilation statistics – area 4

TRANS	Date/status	Entries Total	Entries New	Entries Revised	Subents Total	Subents New In old+in new	Subents Revised
4149	13-09-2010/final	26	7	19	282	4+31=35	247
4150	29-11-2010/final	20	3	17	81	5+12=17	64
4151	18-03-2011/final	41	10	31	220	22+77=99	121
4152	11-05-2011/prelim.	34	10	24	156	29+35=64	92
Total		121	30	91	739	215	524

The efforts were made to get numerical data from authors. Good cooperation was established with authors:

V.Shorin (4RUSFEI);

O. Shcherbakov, A.Vorobiev, I.Guseva (4RUSLIN);

Sh.Zeynalov, D.Testov (4ZZZDUB).

3. Computer and software matters. WEB-site service.

- New versions of CHEX and EXFOR dictionaries were copied from NDS open area and used in compilation.

- The improved digitizing program of Sarov is used to digitize graphical data for EXFOR.

- Tool of web-service for compilers (<http://nds121.iaea.org/exfor2/x4up1.htm> , under improvement , developed by V.Zerkin), Janis trans Checker were used to check transes, found to be very useful.

- The information from web-sites :

http://www-nds.iaea.org/nrdc/error/exfor_err1.html ,

http://www-nds.iaea.org/nrdc/error/exfor_err3.html

was found to be helpful for correction of the old Entries.

- The received from Naohiko Otsuka and Emmeric Dupont comments of transes are appreciated.

- <http://www-nds.iaea.org/exfor-master/x4compil/> - EXFOR status compilation web-page was used to find the articles for compilation.

4. Nuclear data evaluation activity.

- CJD is involved in nuclear data evaluation process and compilation of nuclear data for the BROND-3 project.

5. Publications.

The issue of journal “Yadernye Konstanty”-2010 has been prepared in electronic form for publishing and is still in printing process.

Content of YK 1999 – 2009 issues are available to read from the IPPE web-site <http://www.ippe.ru/ninf/pub.php> (in Russian).

6. Acknowledgments.

The assistance of Naohiko Otsuka and Valentina Semkova is greatly appreciated.