

NEA/DB Progress Report

to the NRDC

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OECD/NEA Data Bank

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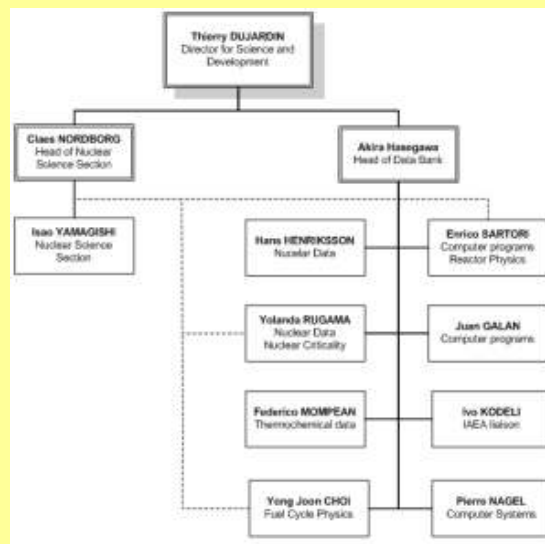
- ✓ NEA Data Bank summary since NRDC-2005
- ✓ EXFOR compilations
- ✓ CINDA and the book production
- ✓ JANIS summary
- ✓ Summary of Web retrievals

The NEA Data Bank 2006

- ✓ New head of the Data Bank: Akira Hasegawa
- ✓ Compilation of over 150 new EXFOR entries
- ✓ Web statistics: about 1400 retrievals each per month for EXFOR and EVA (evaluated data libraries)
- ✓ CINDA book draft produced, and to be discussed with NRDC
- ✓ Release of processed JEFF-3.1 data for MCNP, 11 temperatures
- ✓ Work on the High Priority Request List, HPRL: 4 high priority, and 2 general requests.

NEA Data Bank organisation

- Nuclear Data
- Computer Programs
- Computer Systems
- Thermochemical data
- Reactor Physics
- Fuel Cycle Physics
- Criticality Safety



EXFOR compilations

- ✓ 111 new EXFOR entries on neutron data compiled for Area 2 in 2005 and 2006
- ✓ 167 new EXFOR entries compiled on charged particle data for Area O in 2005 and 2006
- ✓ Since last NRDC meeting:
 - Area 2: 63
 - Area O: 95
 - In total: 158 new EXFOR entries

CINDA

- Loading of new CINDA master file successful
- Checking of Area 2 update file completed
- Necessary EXFOR retransmissions found thanks to the CINDA verification process
- CINDA database updated including JANIS and Web (test page: <http://www.nea.fr/cinda/cinda2002.cgi>)
- New batches with CINDA data to be delivered later in 2006.

CINDA Book preparation

- ✓ 'Final' archive version in progress
- ✓ Draft Foreword and Introduction prepared:
 - ✓ Parts to be translated to: French, German, Japanese, Russian and Spanish
- ✓ Description of charged particle data included mainly from LEXFOR
- ✓ Update on reactions for charged particle data from dictionaries
- ✓ Book will contain 6 volumes with in total 5600 pages
- ✓ CD/DVD including EXFOR and CINDA will be included based on Janis.

JANIS: the Java-based nuclear information software

- ✓ Updated version for launching JANIS online:
Version 2.2.1, released in October 2005.
- ✓ Work on updates for the CINDA search pages
- ✓ Improvements on the display of differential data and vectorial plotting (started)
- ✓ Edition for the CINDA book envisaged
- ✓ Free download from the NEA: www.nea.fr/janis
- ✓ Integrated with the NEA web retrievals

Web retrievals

Statistics 2004-2005 of the NEA Data Bank

| Service | 2005 | 2004 |
|----------------|-------------|-------------|
| Cinda | 897 | 873 |
| EVA searches | 13 843 | 8 481 |
| EXFOR searches | 13 368 | 13 105 |
| Janis | 216 520 | 218 811 |
| Web pages | | |
| NDS | 86 894 | 83 437 |
| CPS | 186 443 | 166 649 |
| TDB | 38 649 | 30 189 |
| other DB | 34 166 | 33 107 |