

12 September 1986

To: Distribution

From: H.D. Lemmel

Lemmel

Subject: Technical NRDC Meeting
7 - 9 October 1986

We hope to see many of you at the meeting of our data centers network, 7-9 October 1986.

In the IAEA programme it got somehow the new title of Technical Aspects of Nuclear Data Processing and Exchange. Despite of this new name it will be more or less the traditional agenda of which a draft is attached.

The meeting will start on Tuesday, 7 October 1986, in meeting room A-11-71 of the Vienna International Centre, at 9:30 hrs. Kindly be in the building already at 9:00 hrs, because you will need some time for registration and for receiving a ground pass.

From the center of town you reach us with the underground line U1, direction to Zentrum Kagran. Leave the train at "Kaisermühlen-Vienna International Centre" and use the station exit near the head of the train.

The meeting was scheduled for Tuesday to Thursday, giving you the possibility on Monday or Friday to talk to our staff informally, if you so wish about bilateral matters.

For the agenda a lot of topics have been brought up in Memos. I have tried to include all of them in the proposed agenda attached. If I forgot the one or other items, or if you wish to propose additional items, please bring them up.

Kindly also check the actions from the 1985 Meeting contained in INDC(NDS)-178 p. 15-24.

Clearance: J.J. Schmidt *J.J. Schmidt*

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TECHNICAL MEETING OF THE NUCLEAR REACTION DATA CENTERS
7 - 9 October 1986

IAEA, Vienna

Meeting Room A-11-71

Begin: 7 October 1986, 9:30 hrs

Draft Agenda

1. Opening, adoption of Agenda, etc.
2. Cinda
3. Exfor
4. Non-EXFOR data libraries
5. Wrenda
6. Misc.

Details see following pages.

Details

2. Cinda

2.1 Cinda system and Manual

- various items in 4C-3/298
- selection criteria for Cinda Supplement Books: 4C-3/295
- quantities and definitions, e.g. polarization
- Cinda check programs

2.2 Cinda exchange mechanism: 4C-3/297 item 1.1

2.3 Cinda completeness

- completeness of coverage, delays?
- data index lines: EXFOR
- data index lines: non-EXFOR: 4C-3/297 item 2.4

2.4 Cinda Book

- book cover: proposed in 4C-3/294
→ counter proposal expected from NEA-DB ←
- introductory text: 4C-3/297 item 1.2
handbooks
EXFOR advertisement: 4C-3/297 attachment 2.2
- proposal of including in Cinda a Chart of Nuclides
- book production schedule: 4C-3/297 item 1.3
see also 4C-3/290

3. Exfor

3.1 Exfor system, coding rules, Manual

- Pending CP Memos
- Paramagnetic effects: CP-C/161, CP-D/149
- Isomers: CP-C/162, CP-D/151
- Gamma Spectra: CP-D/152
- Temperatures: CP-C/164, CP-D/153
- Institute in case of international cooperation: 4C-1/181

3.2 TRANS tapes

- disturbing mistakes in TRANS tapes: many memos
- specific items to improve the check-programs
- response to requested retransmissions

3.3 EXFOR completeness

- cleanup: many 4C-1 Memos and response
- redundant EXFOR entries: 4C-1/179

3.4 Customer services

- computation format: IAEA-NDS-80: X4TOC4
- intercomparison of EXFOR retrievals and output formats: reply to Memo CP-D-150

Note: so far, we received only one reply from NEA-DB. Kindly send other replies soonest, or bring it with you to the meeting.

3.5 Dictionaries

- Expansions in Dict. 7 (Books and Conf): CP-D/148
- Nuclides: 4C-4/46 and others

3.6 Special CPND matters

3.7 Special PhotoND matters

- column heading M: CP-C/160
- new EXFOR center in UK?

4. Non-EXFOR data libraries

4.1 Inventory of available libraries: IAEA-NDS-7, IAEA-NDS-70

4.2 Status of new versions of available libraries:

- INDL
- UKNDL
- BROND (Obninsk)
- JENDL-3
- ENDF/B-6 evaluations
- ENDF/B-5 files in ENDF-6 format
- Fission yields
- Others?

4.3 Codes

- ENDF-5 codes: IAEA-NDS-29: Utility programs
IAEA-NDS-39: Pre-processing codes
IAEA-NDS-79: PLOT4

4.4 Status of ENDF-6 Manual and codes

4.5 International co-operation in data evaluation

6. Wrenda

Schedule and actions for next issue

7. Miscellaneous

6.1 List of nuclear data meetings: CP-D/146

6.2 Date of next NRDC-Meetings. Envisaged are

- Brookhaven, 26-30 October 1987 for the next full meeting to be attended by center heads and technical staff, partly financed by the Agency.
- Vienna, October 1988 for the next technical meeting to be attended by technical staff at no cost to the Agency.