

Memo 4C-3/81

To: Distribution

18 June 1973

From: Charles Dunford

Subject: Actions Arising From the Ninth Four Centre Meeting

Attached is a list of actions arising from the
Ninth Four Centre Meeting held in Moscow 4 - 8 June 1973.
Please inform me of any errors or omissions as soon as possible.

Distribution:

S. Pearlstein (5)
F. Fröhner (5)
V. Manokhin (5)
All NDS P staff.

List of Actions Arising from the Ninth Four Centre Meeting

<u>Action</u>	<u>Action on</u>	<u>A c t i o n</u>
1	CJD	Add NNCSC and CCDN to the distribution list for "Nuclear Constants" and "Nuclear Physics Abstracts".
2	CJD	Send a copy of the CJD guide-lines for authors to NDS.
3	NDS	Translate and distribute CJD guide-lines for authors to other centres.
4	All centres	Send comments and suggestions for improvement for Stehn's recommendation to editors (4C/1/34) to NNCSC by July 15, 1973 with copies to NDS.
5	All centres	Submit to NDS the names of all journals in their area to which the recommendation should be sent by August 15, 1973.
6	NNCSC	Send revised recommendation to editors to NDS before August 15, 1973.
7	Schmidt	Submit the recommendation to INDC for approval.
8	All centres	Provide to NDS a list of data mentioned in the open literature but unobtainable by the data centres from the authors by September 1, 1973 ("delinquency list").
9	NDS	Summarize the meeting's discussion on the completeness of EXFOR, attach the "delinquency lists" and present to the INDC for their consideration.
10	All centres	Prepare for discussion of EXFOR completeness at next 4C-Meeting (including "delinquency" status).
11	All centres	Requests for data from other centres should be acknowledged within a few days of receipt giving a detailed status for each request including "NO DATA AVAILABLE" if applicable.
12	All centres	Inform the other centres when initiating a data review, so that appropriate data may be transmitted with preference.
13	All centres	When performing literature searches or data reviews, inform other centres of data missing from EXFOR.
14	NNCSC CCDN	All communications with CJD should be direct and not through NDS.

<u>Action</u>	<u>Action on</u>	<u>A c t i o n</u>
15	All centres	Provide information on definition of a "request information unit" and comments on the contents of the four centres "common statistics" to the other centres by July 31, 1973.
16	NDS	Prepare a revised "common statistics" proposal incorporating as far as possible the comments from all the centres by the end of 1973.
17	NDS	Submit LEXFOR entry on experimental methods for fission product yields.
18	CCDN	Send copies of the Crouch (sorted by region) and Devillers libraries to the other three data centres.
19	All centres	Investigate the possibilities of using compilers from outside the centres to supply at regular intervals lists of references for such data as fission product yields and γ -ray spectra.
20	NNCSC CJD CCDN	Provide NDS by August 15, 1973 with the following information on the compilation of γ -ray spectra: 1) data types needed and justification 2) compilations available 3) active compilers and what they are compiling.
21	NDS	Summarize the needs for γ -ray spectra compilation and present to the INDC for its consideration.
22	NDS	Discuss INDC recommendation on γ -ray spectra compilation and methods to implement it at the 1974 Study Group Meeting for Non-Neutron Data Centres.
23	Pearlstein	Send to NDS agenda proposals for 1974 Study Group Meeting on Non-Neutron Nuclear Data.
24	Schmidt	Prepare a list of non-neutron nuclear data types as an appendix to the provisional agenda for the 1974 Study Group Meeting on Non-Neutron Nuclear Data.
25	Pearlstein	Send to the other centres a list of non-neutron nuclear data which will be included in ENDF for decay heat calculation and for fusion reactors and proposed ENDF format extensions.
26	All centres	When transmitting EXFOR entries in the regular exchange which have already been transmitted by NNCSC in the "dirty" EXFOR series (5000-8000), send to all other centers the corresponding "dirty" and "regular" EXFOR accession and subaccession numbers.

<u>Action</u>	<u>Action on</u>	<u>A c t i o n</u>
27	CJD	Transmit to the other centres a status report on the entry of data since 1970 into EXFOR from their service area.
28	NNCSC	Issue as soon as possible revised EXFOR and LEXFOR pages to reflect all agreed system changes during the past two years.
29	NNCSC	Prepare EXFOR/LEXFOR entries for the five changes to EXFOR agreed at the meeting. 1) Bib-section retransmissions 2) Wavelengths 3) Percent 4) Fission fragment energy spectra 5) Half-lives
30	NDS	Submit LEXFOR revision to include warning about references which contain superseded data.
31	CCDN	Prepare final proposal on compiling multi-dimensional tables and circulate to all centers by July 15, 1973.
32	All centres	Send comments on the use in EXFOR of WRENDA type iso-quant or of other suggested generalized iso-quant to NDS by October 1, 1973.
33	NDS	Prepare proposal for the generalization of EXFOR iso-quant and distribute by December 31, 1973.
34	NDS CCDN	Exchange information on an automated data request handling system and see if computer programme exchange is possible.
35	CCDN	Send before 31 July 1973 a proposal to all centres for making CINDA an index to experimental data available at the centres.
36	Lemmel, Tubbs	Send Sol Pearlstein detailed information about the question of completeness of CINDA coverage of US laboratory reports.
37	Pearlstein	Discuss the usefulness of CINDA and of a possible non-neutron CINDA with the USNDC.
38	NDS	Contact INDC concerning the official channels for communication of WRENDA requests from the various countries to the responsible data centre.
39	NDS	Recommend to national screening authorities submitting requests for nuclear data (WRENDA) that the required accuracy be expressed as one standard deviation.

<u>Action</u>	<u>Action on</u>	<u>A c t i o n</u>
40	Schmidt	Request the INDC to consider adding the subject of common evaluation procedures to the Agenda of their October 1973 Meeting.
41	CCDN	Transmit to NDS and CJD new UKNDL files that are freely exchangeable.
42	NNCSC	Transmit ENDF/B-IV Standards Data to the other centres.
43	CJD	Send to other centres the Pu-235, U-235(n,f), and $d\sigma/d\Omega$ evaluations as soon as they are available.
44	CCDN	Prepare to exceed the hospitality of all previous Four Centre Meetings during the Tenth Four Centre Meeting, May 6 - 10, 1974.