

Annex 5. List of Actions.

No.	Responsible	Reason	Action
1	J. Tuli, BNL/NNDC	Quality assurance test.	Advise evaluators to run RADLIST, and comment on agreement of Q-value and sum of decay energies and X-ray intensities measured and calculated. Action continues from 1998.
2	J. Tuli, BNL/NNDC	Priority list evaluations has to be updated.	Send yearly priority list for nuclide and mass chain ENSDF evaluations. Add priority list of the NSDD TM and network document. Action continues from 1998.
3	J. Tuli, BNL/NNDC	Format and consistency problems could arise for certain horizontal evaluations.	Co-ordinate horizontal and A-chain evaluators by means of procedures for inserting horizontal evaluations into ENSDF. Action continues from 1998.
4	T.Kibedi, ANU; J. Wood, Georgia Tech	Calculational procedures to characterise E0 transitions should be explained.	Prepare manual that describes how to handle E0 transitions in ENSDF.
5	BNL/NNDC	ENSDF analysis and checking codes need to remain up to date with respect to formats, physics requirements, and the needs of the community.	Update codes for approved format changes. Action continues from 1998.
6	All network participants	Results of significant horizontal evaluations are not always incorporated into ENSDF in a timely manner.	Keep abreast of activities in other areas where horizontal evaluations may be appropriate for incorporation into ENSDF. Action continues from 1996.
7	All network participants	Highly-relevant information and data from some conferences, meetings and laboratory reports are not always available to NSR compilers in NNDC.	Assist the NNDC in obtaining conference proceedings, meeting and laboratory reports for NSR. One copy of unpublished conference reports containing significant NSDD contribution should be sent to D. Winchell. Revised action continues from 1998.
8	IAEA/NDS	Characteristics and parameters of NSDD network have to be regularly updated.	Update NSDD network document regularly as INDC(NDS) report - publish electronically according to the latest changes as defined at the network meeting.

9	BNL/NNDC	Publish versions of ENSDF are required	Continue a journal "publication" for the mass chain evaluations. Action continues from 1998
10	IAEA/NDS	Co-ordinate network activities in the lengthy period between NSDD meetings.	Nominate a chairman and deputy chairman for next NSDD meeting at the current NSDD meeting. Action continues from 1998.
11	Network	Misprints and errors found in NSR and ENSDF.	Report all errors detected in NSR and ENSDF to NNDC as soon as they are found. Action continues from 1998.
12	ENSDF evaluators	Accelerate the review process.	Each ENSDF evaluator should be willing to do 2 mass-chains equivalent reviews per FTE-year. Reviewing process for one mass chain should not be longer than 3 months. Revised action continues from 1998.
13	BNL/NNDC	Researchers are not familiar with ENSDF format.	Promote the concept that researchers should supply data to the network in complete, tabular form. Action continues from 1998.
14	N. Stone, University of Oxford; D. De Frenne, DSRP; J. Blachot, CEA SPN.	Decrease of NSDD manpower in Europe.	Publish in NUPECC new, 2004 an informative article about nuclear data evaluations. Action continues from 1998.
15	Network	Bring NSDD evaluation work to the attention of the nuclear community.	Present network activity at different conferences and meetings. Revised action continues from 1998.
16	T. Kibedi, ANU	Simplify the data input for ENSDF, and the editing of ENSDF files.	Prepare test version of the ENSDF evaluation tool ("editor") with brief documentation; make available for tests at the IAEA/ICTP workshop (November 2003), and distribute to the network data centres.
17	Network	Avoid duplication of work.	Participants should inform the network about any development of software related to NSDD.
18	J. Tuli, BNL/NNDC	Encourage specific new measurements.	Indicate in the abstract of an evaluation any critical problems in the data compared with the previous evaluation, gaps in the data, and discrepancies that could be resolved by new measurements. Revised action continues from 1998.
19	Data centre managers	Attract young scientists to data evaluations.	Encourage evaluators to participate in research/evaluation of nuclear structure data. Action continues from 1998.

20	NSDD network	Improve NSR.	Send comments and suggestions on NSR improvements (indexing) to D. Winchell. Continuing action from 1998.
21	BNL/NNDC	Increase the accuracy of Auger electron and continuum beta-spectra.	Improve ENSDF codes to provide more detailed presentations of Auger-electron and continuum beta spectra.
22	All network evaluators	Check validity of the rules.	Inform NNDC when experimental results appear to contradict the rules.
23	All network evaluators	Improve quality of evaluations.	Solicit potential non-network evaluation reserves, and send names to ENSDF manager (NNDC).
24	All network evaluators	Rule for the lowest energy of the state with isospin $T_{>}$.	Consider rule presented by F. Chukreev, and include them in "Introductory Material" if appropriate.
25	IAEA/NDS; BNL/NNDC	Improve communications with users.	Include "chat site" in the agenda of next NSDD meeting. Prepare paper on feasibility of a "chat site" (A&Q, problems and solutions, etc.).
26	BNL/NNDC	Improve NSDD retrieval systems.	Open new relational database versions of ENSDF and NuDat to the network participants for tests and comments.
27	T. Burrows, BNL/NNDC; T. Kibedi, ANU	Improve evaluated Internal Conversion Coefficients.	Prepare BRICC data for network usage.
28	All network evaluators	Test BRICC tables.	Any noticeable differences with BRICC values should be reported to the ENSDF manager.
29	IAEA/NDS	Improve low-energy ICCs.	Translate into English: Grechukhin and Soldatov paper on theoretical calculations of low-energy ICCs, and distribute to network participants.
30	McMaster University; BNL/NNDC; LBNL; and other evaluation centres	Support new ENSDF evaluators.	Invite and provide local support and mentoring to new ENSDF evaluators of mass chain evaluations.
31	All network centres	Improve data service.	Keep a record of requests by customers that can not be satisfied.
32	ENSDF manager	Network should be made aware of needs of NSDD users.	List of horizontal evaluation needs and on-going evaluation activities should be maintained through the NSDD network.
33	All network centres	Maintain up to date information on the Network.	Review, modify and correct the contents of INDC(NDS)-421.