



# International Atomic Energy Agency

## Revision of Status of NSDD Network: INDC(NDS)-0421

### INDC(NDS)-0421:

- clearly defines the structure of the NSDD network, the responsibilities of all its members, the scope of its activities and the databases/derivative products that it maintains and the means of coordination-communication-cooperation
- Reference document
- It is a live document-ever changing and brought up-to-date
- *Last Revision: 2004*

# Contents

- Network organization and co-ordination: **UPDATE # DATA CENTERS AND CO-ORDINATION RESPONSIBILITIES OF ENSDF MANAGER AND IAEA**
- Main databases and Network activities
  - Evaluated Nuclear Structure Data File (ENSDF), Experimental Unevaluated -Data List (XUNDL), and Nuclear Science References (NSR)
  - Nuclear data centres - electronic access to ENSDF and NSR data files: **NNDC AND IAEA; ISOTOPES PROJECT AND SWEDISH NUCLEAR DATA CENTER???**
  - Data files and libraries derived from ENSDF: **ADD LIVE CHART**
- Horizontal evaluations and parallel activities: **MENTIONS NEED FOR TIMELY INCORPORATION INTO ENSDF-MODIFY ACCORDING TO THIS MEETING'S DISCUSSIONS**
- NSDD Network co-operation: **UPDATE**
- Web access to major databases: **UPDATE (NNDC-IAEA-TUNL-Isotopes Project?)**



## Cont'd

- Data available on-line and off-line: UPDATE TO INCLUDE LATEST RELEASES; INCLUDE LIVE CHART AND OTHER IAEA DATABASES (PGAA AND NAA DATABASES; LIBRARY OF RECOMMENDED ACTINIDE DECAY DATA (CRP); DATA FOR MEDICAL ISOTOPES (CRP); REFERENCE DATABASE FOR BETA-DELAYED NEUTRONS (CRP) etc
- NSDD-related computer codes: UPDATE FOLLOWING DISCUSSIONS AND RECOMMENDATIONS OF THIS MEETING
  - General codes for on-line analysis, calculations and presentation of data in a format suitable for users (PhysCo, Qcalc): **is PhysCo used?**
  - Codes for analysis and calculations : **UPDATE TO INCLUDE BRICC, BRICCMIZING, AVETOOLS (KIBEDI); NEW RULER (KIBEDI, KONDEV); RADD (SINGH, SINGH), GAMUT (BIRCH ET AL) etc**
  - ENSDF utility codes for preparing and checking evaluations: **XLS2ENS (CHEN, KONDEV)**
- ENSDF evaluators, and evaluation responsibilities: **UPDATE ACCORDING TO DECISIONS OF THIS MEETING; UPDATE HORIZONTAL EVALUATION DATA CENTERS TO INCLUDE ISOMERS (AND K-), EGAF, B(E2), BDN**
- Copyright issues and reference to Network products: **NEEDS UPDATING?**



# PLAN

- Complete first draft in consultation with ENSDF Manager
- Circulate to NSDD Network for comments
- Publish in INDC(NDS)

