Minutes of an Informal Consultants' Meeting
IAEA-NDS, Vienna, 7 August 2001
E. Zsolnay, E. Szondi, A. Trkov, R. Paviotti-Corcuera,

Subject: New International Reactor Dosimetry File: IRDF-2002

Please for **background and details** refer to the Minutes of a meeting on the same subject held at IAEA on the 12 July 2001 (copy enclosed).

Main topics

R. Paviotti distributed copies of previous documents, e.g.: Project description as approved by INDC meeting (June 2000), Minutes of meeting held on 12 July (will be called "previous meeting" in this document), draft of design of future Web site.

A. Trkov emphasized the scope of the project according to the document of the INDC.

E. **Zsolnay,** made a presentation. Main aspects of the project presented were: goal, deadlines, field of application, steps to follow toward achievement of the goal and possible participants.

Participants agreed on the following actions to be taken:

E. Zsolnay, E. Szondi will prepare a **priority list** of missing or important discrepant cross sections. This list will be based on a revised version of the progress report presented in June (see minutes of previous meeting). A list with cross sections with format errors or inconsistencies will be also elaborated (possibly available by end of August).

IAEA, (**R. Paviotti**) will inform about the list above to the **laboratories** that distributed the files (BNL, JAERI, etc) and to **interested evaluators** that would like to perform new evaluations.

E. Zsolnay, E. Szondi agreed to perform some calculations on the importance of the weighted differences in the detector responses, as the function of the neutron energy (see second paragraph of Actions in the minutes of previous meeting) and send to IAEA the code ACORNS.

It was recommended to hold the first official **meeting on IRDF-2002 on 27, 28 29 August 2002** at the IAEA headquarters, Vienna (this will be after the 11th International Symposium on Reactor Dosimetry to be held in Brussels, 18-23 August 2002).

It was agreed to add a **new benchmark field**, e.g. **fission spectrum of Cf-252** to the 6 benchmark fields already used in previous exercises (3 spectra for thermal reactors, 1 fusion spectrum, 1 fast reactor spectrum, fission spectrum of U235). R. Paviotti will ask **W. Mannhart**, **P. Griffin** and **J. Csikai** about the possibility of providing the necessary data, (e.g. measured reaction rates and calculated neutron spectrum) for Cf-252 fission spectrum.