



International Atomic Energy Agency
INTEROFFICE MEMORANDUM

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Subject: **CRP progress report and request for extension**

Please, find attached the progress report of the CRP, prepared after its third year, submitted in support of its extension by another year. Because of the complex nature of the project and the difficulty of the tasks to be achieved, a 4 year duration of the CRP was already foreseen in the original CRP proposal.

Due to the lack of experimental data and the absence of adequate theoretical or empirical models suitable for producing a comprehensive set of evaluated neutron induced fission yields up to 150 MeV, existing theories, models and systematics have to be thoroughly studied and, where necessary, newly developed during the CRP. These studies are partly based on measurements within the frame of the CRP, the results of which have to be awaited. Other prerequisites for the success of the project are: the collection of the few existing experimental results and establishment of a data base, and detailed studies of the actual fission mechanisms in this energy range.

The first RCM at the beginning of the CRP served to define the detailed objectives of the project and the individual tasks for participants. At the second RCM after 2 years of duration of the CRP, first experimental results were presented and the progress in the model development reviewed. The third RCM is scheduled for the end of the 4th year of the CRP to assess whether the objectives have been met at that meeting (drafts of the final papers by participants will be presented) or whether another extension of the CRP will be necessary.