

PROPOSAL SUBGROUP B
NUCLEAR MODEL VALIDATION <i>C. DUNFORD</i>

The NEANSC International Evaluation Cooperation Working Party should establish a long-term nuclear model validation activity. The objective of this subgroup will be the development of a well-documented, carefully benchmarked reference nuclear modeling capability for the evaluation community.

The subgroup should coordinate :

- 1] closely with and participate in the development of a data base of nuclear model parameters an existing project of the IAEA Nuclear Data Section's ;
- 2] the collection and documentation of nuclear models indicating the range of applicability of each ;
- 3] the production of a well-tested, documented transportable system of computer programs to be used by the nuclear data evaluation community.

This subgroup should work closely with subgroup A in order that nuclear data measurements needed to benchmark the models will be available when required.

This suite of computer programs will be available without restriction from the NEA Data Bank along with the supporting parameter data base developed and maintained by the IAEA Nuclear Data Section.

A more detailed plan of action should be prepared and distributed to the Working Party for comment before the end of 1993.