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Memo CP-C/303

DATE: May 3, 2002
TO: Distribution
FROM: V. McLane
SUBJECT: Modification of Dictionary 8 and 27
(Re: Memo CP-A/124, CP-C/301, and CP-D/388))

Regarding my statement in Memo CP-C/301, since we are at the point of reinventing our databases, it is good time to rethink the way we are doing many things. Maintaining Dictionary 27 in its present state is a duplication of the work done for the Nuclear Wallet Cards.

I propose to link the Nuclear Wallet Cards Database with the EXFOR system. This database is available to all and contains all the information needed to check on whether:

- a nuclide is known,
- it is stable,
- it has metastable states.

Other useful information contained in the Wallet Cards, such as half-life, could be used in the future for checking purposes. The Wallet Cards also contains the isotopic abundance for naturally occurring isotopes and the ground state spin and parity, which are needed for computation format programs.

If need be, we can reformat the Wallet Card Database to be more useful for the Network needs.

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