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REMARKS CONCERNING THE USE OF SLOWING AGENTS.

The introduction of carbon as a slowing agent would completely spoil the fast reaction. Though many good features of the proposed arrangements would be spoiled, it may be possible to use a small amount of hydrogen, for instance, in the form of water within the core of the chain reacting system. The amount of hydrogen would however be low, about $\frac{1}{2}$ atom of hydrogen per atom of U, and the hydrogen could be introduced by flowing water through pipes which go through the core of the pile, and then the element 94 would be contained in the walls of these pipes, or outside of these pipes in the the uranium, close to the walls of these pipes.