

The New Mechanism and a New Method of Spent Fuel Reprocessing

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Abstract: put a new mechanism and a new method of spent fuel reprocessing

Main Viewpoint & Result

Since one kind of nuclide has radioactivity is because it containing extra neutrons and redundancy π -mesons, [1] and by employ the *Neutron excitation*, a stable atomic nucleus could obtain extra neutrons and redundancy π -mesons then has radioactivity.

Then, in theory, we could employ the *Proton neutralization*, namely, by protons emission, Injection (conveying; load) protons into the nucleus of spent fuel, making the nucleus of spent fuel obtains extra protons and to neutralize the redundancy π -mesons, makes the nucleus of spent fuel proliferating into a stable nuclide, become the new substances which has no redundancy π -mesons, and then missing their radioactivity.

References

- [1] The Stability and Radioactivity of Atomic Nucleus.
a. <http://vixra.org/abs/1411.0501>
b. <http://pan.baidu.com/s/1c0vnxaK>