

SB-1

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IN THE SENATE OF THE AMERICAN LEGION BOYS NATION

Mr. Scoville of Illinois introduced the following bill;

A BILL

The world must look forward towards reusable fuels however an immediate transition being impossible must seek out a temporary carbon neutral energy source to replace fossil fuels, this bill seeks to rectify the United states carbon emission problem for now

Be it enacted by The American Legion Boys Nation Senate assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the "Institution of Thorium Nuclear Reactors (ITNR)".

SECTION 2. Let the following definitions apply:

Boiling Water Reactor: A nuclear reactor in which the fuel is uranium oxide clad in zircaloy and the coolant and moderator is water, which is boiled to produce steam for driving turbines.

Pressurized Water Reactor: A nuclear reactor in which the fuel is uranium oxide clad in zircaloy and the coolant and moderator is water maintained at high pressure so that it does not boil at the operating

temperature of the reactor.

Uranium-235: A light isotope of uranium, used in nuclear fission and when bombarded by slow neutrons undergoes rapid fission releasing energy

Thorium: A metallic radioactive element, when bombarded by slow neutrons decays and releases energy and heat

Nuclear Regulatory Committee: A governmental committee set up to run America's nuclear production and management

Committee of Foreign Investment: A federally run committee which dictates United States foreign investments

Section 3: All Boiling Water Reactors and Pressurized Water Reactors within the United States will be converted from the use of Uranium-235 to the use of Thorium within ten years

Section 4: The NRC will be given a 100% budget increase to complete the transition.

Section 4a: Let the Appropriations Committee evaluate where this money shall be drawn from

Section 5: Let the Committee of Thorium Production and Investment be implemented from a select group picked by the NRC and Committee of Foreign Investment

Section 5a: This new committee shall be allocated 1 billion dollars by the appropriations committee to invest in current thorium production infrastructure within an outside of the United States

Section 6: The NRC will decide the appropriate system into which the Nuclear Power Plants shall be converted without damaging the amount of power the United States produces.

Section 7: This bill shall go into effect at the beginning of the 2023 fiscal year