

YMCA YOUTH LEGISLATURE OF THE STATE OF MONTANA

_____ Bill Number _____

Legislative Action:

Introduced by: Chad Dokken
Authored by: Chad Dokken

House Committee: _____
House: _____
Senate Committee: _____
Senate: _____
Governor: _____

Delegation: Bozeman

Referred to Committee: _____

1 A BILL FOR AN ACT ENTITLED: "AN ACT TO DESIGN AND CONSTRUCT A GAS

2 TURBINE MODULE HELIUM NUCLEAR EACTOR IN MONTANA”

3 BE IT ENACTED BY THE 2009 MONTANA YMCA YOUTH LEGISLATURE:

4 **Section 1.** This Bill will if passed allocate funds to build the first nuclear power facility
5 in the state of Montana. Using the most effective, safe, and efficient design (GT MHR) Montana
6 will see a net surplus in its economic status and in turn help us in our economic situation and
7 prevent future environmental problems. The GT MHR uses helium to cool the reactor and from
8 empirical examples in South Africa and Germany there is actually no chance of a meltdown such
9 as Chernobyl or Three Mile Island. The GT MHR also is not susceptible to any terrorist attack
10 and has proven in simulation to resist a impact of a Boing 747 commercial jet. By passing this
11 bill we could power over 1/2 of Montana at 1/4 the current cost we pay from coal.

12 **Section 2.** This would be a huge step forward in conquering and defeating the inevitable
13 problems in the environment and economy that Montana faces. With Uranium mining’s
14 similarities to coal mining Montana coal miners will NOT lose their jobs and in actuality works
15 in safer conditions. Will the current cost of coal at 4.65 cents per kilowatt hour, Montana would
16 make up all payments for the facility in less than 5 years because the cost effectiveness of GT
17 MHR’s 1.23 cents per Kilowatt hour cost. Storage of the nuclear waste will as well be fairly

18 simple; with easy access transportation Montana can store its waste in the underground facilities
19 used by all the other nuclear states, which are located in the Northwest. Here the waste will be
20 pushed into the earth's mantle and will reappear in roughly 100 billion years as uranium once
21 more.

22 (2) Additional information can be obtained from the International Atomic Agencies
23 Reactor Database where it describe in detail the simplicity and practicality of GTMHR reactors.

24 **Section 3. Fiscal note.** The Act will cost 350 million dollars to carry out. The
25 Act shall come from the General Fund.

26 **Section 4. Effective date.** This bill will become effective upon passage.

27 **-end-**