

HM 1137

2023

1 House Memorial

2 A memorial to the President and Congress of the United
3 States, urging the President and Congress to take
4 action to adjust regulatory policy as necessary to
5 allow states the ability to conduct feasibility
6 studies on reclamation and repurposing of spent
7 nuclear fuel for new nuclear energy generation.
8

9 WHEREAS, nuclear reprocessing technology has been used
10 extensively throughout Europe, Russia, and Japan, and

11 WHEREAS, existing reprocessing technology has resulted in a
12 gain of approximately 30 percent more energy than the initial
13 uranium source, and

14 WHEREAS, the United States has conducted more than 250
15 plant-years of reprocessing technology operations, and

16 WHEREAS, reprocessing technology results in more rapid
17 decay and reduces the volume of high-level nuclear waste to
18 nearly one-fifth, and

19 WHEREAS, fourth generation fast neutron reactors will
20 significantly expand the opportunity for reprocessing technology
21 to include previously underused stockpiles of depleted uranium,
22 and

23 WHEREAS, the use of depleted uranium in reprocessing
24 technology potentially amounts to over 1.2 million tons of

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25 | underused uranium stockpiles, which significantly reduces the
 26 | prevalence of uranium mining, and

27 | WHEREAS, nuclear fuel is a green energy that supports the
 28 | carbon-free power demand, and

29 | WHEREAS, four nuclear reactors located at two power plants
 30 | in the state generate more than 3,000 megawatts, powering nearly
 31 | 1.9 million homes with clean energy, and

32 | WHEREAS, federal government regulation and policy changes
 33 | have resulted in the closure of all three civil reprocessing
 34 | plants in the United States, NOW, THEREFORE,

35 |
 36 | Be It Resolved by the Legislature of the State of Florida:

37 |
 38 | That the President and Congress of the United States are
 39 | urged to take action to adjust regulatory policy as necessary to
 40 | allow states the ability to conduct feasibility studies on
 41 | reclamation and repurposing of spent nuclear fuel for new
 42 | nuclear energy generation.

43 | BE IT FURTHER RESOLVED that the Secretary of State dispatch
 44 | copies of this memorial to the President of the United States,
 45 | the President of the United States Senate, the Speaker of the
 46 | United States House of Representatives, and each member of the
 47 | Florida delegation to the United States Congress.