March 12, 2013

In-House Email to: Action Center Union of Concerned Scientist--to: Senators Carl Levin and Debbie A. Stabenow, Mr. & Ms. respectively; also, follow-up email to Lincoln High Alumnus. The following Fukushima disaster (infra) shows a faulty nuclear energy system. If the nuclear-energy system had been a Thorium LFTR micro or macro system, then this disaster would not have occurred:

“Two years ago, the Fukushima nuclear disaster destroyed the lives and livelihoods of thousands of Japanese while costing hundreds of billions of dollars. We know that what happened there can happen here. We must do everything possible to prevent that and better protect millions of Americans by improving nuclear power safety.”

“In the United States, tens of thousands of tons of radioactive waste from nuclear power plants is being stored in unsafe, insecure, overcrowded "spent fuel" pools at more than 70 reactor sites across the country. According to the Union of Concerned Scientists, when today's nuclear reactors were designed decades ago, it was assumed that their spent fuel would be retained in these onsite pools for only a few months before being shipped offsite. As a result, the pools lack diverse and redundant emergency systems and many are not located within robust containment structures.”

“Pools also require electric power and back-up systems to circulate water for cooling, making them vulnerable to failure during power outages. As we experience more severe weather events, such as Hurricane Sandy, these spent fuel pools are at heightened risk. Dry casks, conversely, are safer because they are cooled by natural air flow.”

“Spent fuel is cool enough to transfer to dry casks after five years. However, most nuclear plant operators fill spent fuel pools to capacity using high-density storage racks, and transfer spent fuel to onsite dry casks only when the pools are full. This practice significantly increases the safety and security vulnerabilities of our nuclear power plants, and needlessly puts the American people at risk.”

“I understand there is bipartisan Senate effort underway to craft a comprehensive bill to solve the decades-old problem of managing the country's high level nuclear waste from nuclear power plants. I urge you to speak out and get involved in this effort and fight for strong provisions in the bill that require the thinning out of overcrowded spent fuel pools by moving more of the radioactive spent fuel to much safer on-site dry casks.”

(*Written by the Union of Concerned Scientist). supra*

In sum to the above, requires a new U.S.A. and Global Nuclear Energy Policy; therefore, this policy requires proactive thinking and its resulting action replaces all U.S.A. and Global Uranium nuclear plants with said Thorium LFTR Systems: http://www.youtube.com/watch?v=WKG6wZtcVVQ; therefore we as a nation

have safe, clean, and renewable nuclear energy that is less expensive than coal per kWh and at the same time is the solution to the global warming problem.

Whereas, http://www.proniss.com / IV and http://www.youtube.com/watch?feature=endscreen&v=eU3cUssuz-U&NR=1 is the clear mission and vision to this Proactive Planetary-Stellar Proniss Civilization's sustainable non-abusive future—is, hereby, in policy ergo.

---MR. CLINTON G. ESSEX
http://proniss.com for Individual & Planetary Wellness
Ref.: Thorium LFTR Energy Systems -- Clean, Safe, and Renewable