



June 12, 2015

Senator Elizabeth Warren
2400 JFK Federal Building
15 New Sudbury Street
Boston, MA 02203

Senator Ed Markey
975 JFK Federal Building
15 Sudbury Street
Boston, MA 02203

Governor Charlie Baker
Massachusetts State House
Office of the Governor
Room 280
Boston, MA 02133

Dear Senators Warren and Markey and Governor Baker,

Massachusetts is a leader in the drive to generate energy from clean, safe power plants. The last coal plant is about to shut down. The Pilgrim Nuclear Power Station is not much different from those coal plants. It is old, outdated, inefficient, expensive, unsafe, dirty, and operating under expired permits. This plant should be shut down until the permits are formally reviewed, and kept closed until it can be shown that it can operate cleanly, safely, and efficiently. In Massachusetts, we can and should do better. We CAN generate power cleanly and safely!

Pilgrim's outdated cooling water system pollutes Cape Cod Bay and destroys our precious marine resources and alters the Bay's ecosystem directly and indirectly by dumping excessively heated water into the Bay. This is a violation of the "National Pollutant Discharge Elimination System" permit issued under the Clean Water Act. That permit issued to Entergy, Pilgrim's owner, expired 19 years ago. Yet neither the Environmental Protection Agency (EPA) nor the Massachusetts Department of Environmental Protection (MassDEP) has acted to halt this improper operation. We can do better than that!

Pilgrim is an old and outdated nuclear Mark 1 reactor, the same design used in Japan's Fukushima Dai-Ichi nuclear power plant. We all know that story, and it hasn't ended yet. Unfortunately for the residents of the Fukushima area, that story will continue for generations. But we can do better!

And we are doing better. Massachusetts leads the way in reducing power generation emissions and increasing clean energy generation. Almost all of the dirty coal burning power plants in Massachusetts have been closed. The state has achieved its initial goals for clean, solar photovoltaic power generation 4 years ahead of schedule, and we now have more than 800MW of installed solar power.

But we need to do more. We need to increase our clean energy generation goals. We need more residential solar power generation along with more utility scale solar and wind generated power. We need to develop storage and update our grid. We don't need unsafe, old, outdated, polluting power plants, whether nuclear or coal or gas.

[The Massachusetts Sierra Club joins other organizations in calling for the shut-down of the Pilgrim Nuclear Reactor and for increasing our goals for clean energy generation using the sun](#)

Massachusetts Sierra Club

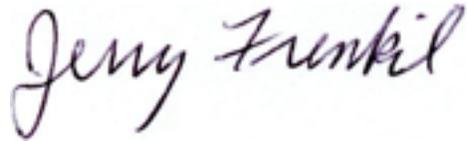
June 12, 2015

Page 2

and the wind. Let's continue to lead the way towards the clean energy future, not perpetuate the dirty, risky nuclear past.

This is Massachusetts. We can and will do better.

Respectfully yours,

A handwritten signature in cursive script that reads "Jerry Frenkil". The signature is written in dark ink and is positioned above the typed name and title.

Jerry Frenkil
Massachusetts Executive Committee member
Sierra Club

cc: Diane Turco, Cape Downwinders