

**UNITED STATES OF AMERICA**  
**NUCLEAR REGULATORY COMMISSION**  
**BEFORE THE NUCLEAR REGULATORY COMMISSION**

In the Matter of

Pilgrim 50-293-EA

Entergy's Request for Extension to Comply

With NRC Order EA-13-109, Pilgrim Station

September 23, 2016

Pilgrim Watch on behalf of Co-Petitioners requests that the Press Release, *Massachusetts Delegation Calls on NRC to Reject Request to Exempt Pilgrim Nuclear Power Station from Safety Upgrades* (September 22, 2016) and the delegation's letter to NRC chairman Stephen Burns, "*Exempting Pilgrim from the NRC's safety requirements would allow Entergy to abdicate that responsibility, unjustifiably exposing Massachusetts communities to danger*" be placed in the Pilgrim 50-293-EA docket; and hereby provides notice to all parties. Both the Press Release and letter are attached.

Respectfully submitted by Pilgrim Watch on behalf of Co-Petitioners,

(Signed (electronically) by,  
Mary Lampert  
Pilgrim Watch, Director  
148 Washington Street, Duxbury, MA 02332  
Tel. 781-934-0389/Email: [mary.lampert@comcast.net](mailto:mary.lampert@comcast.net)  
September 23, 2016

## ATTACHMENT

# Massachusetts Delegation Calls on NRC to Reject Request to Exempt Pilgrim Nuclear Power Station from Safety Upgrades

Thursday, September 22, 2016

*Entergy has requested extension to comply with post-Fukushima safety updates until 2019, the date of closure*

Washington (September 22, 2016) – The Massachusetts Congressional delegation yesterday sent a letter to the Nuclear Regulatory Commission (NRC) asking it to deny Entergy’s request for an extension for critical safety upgrades to the Pilgrim Nuclear Power Station. When Entergy announced its intention to cease operations at Pilgrim by 2019, the NRC stated that the closure “will not relieve [Entergy] of the responsibility of running that plant as safely as possible until the end of its life.” If approved by NRC, Entergy’s request for extension would run directly counter to that responsibility, as it would increase the risk of a containment failure and a catastrophic radioactive release in the event of a terrorist attack or severe accident. In the wake of the 2011 Fukushima Daiichi nuclear disaster, the Fukushima Near-Term Task Force recommended a series of safety upgrades for America’s nuclear fleet, including the requirement to install hardened containment vents capable of operating under severe accident conditions. Pilgrim Nuclear Power Station has the same design as the Fukushima Daiichi nuclear reactor.

Signing the letter are Senators Edward J. Markey and Elizabeth Warren, and Reps. Michael E. Capuano, William R. Keating, Joseph P. Kennedy, III, Stephen F. Lynch, James P. McGovern, Seth Moulton, Richard Neal, Niki Tsongas.

**“Notwithstanding its intention to shut down the plant, Entergy has a paramount responsibility to minimize the risk of catastrophic accidents similar to the one that occurred at Fukushima,”** write the delegation in the letter to NRC chairman Stephen Burns. **“Exempting Pilgrim from the NRC’s safety requirements would allow Entergy to abdicate that responsibility, unjustifiably exposing Massachusetts communities to danger.”**

A copy of the letter can be found [HERE](#).

<http://www.markey.senate.gov/news/press-releases/massachusetts-delegation-calls-on-nrc-to-reject-request-to-exempt-pilgrim-nuclear-power-station-from-safety-upgrades>

# Congress of the United States

Washington, DC 20510

September 21, 2016

The Honorable Stephen G. Burns  
Chairman  
Nuclear Regulatory Commission (NRC)  
Rockville, MD 20852

Dear Chairman Burns:

We write to urge the Commission to reject Entergy's request for an extension to comply with the post-Fukushima requirement to install hardened containment vents capable of operating under severe accident conditions at the Pilgrim Nuclear Power Station in Plymouth, MA. Entergy's request for an extension until December 31, 2019 would effectively exempt Pilgrim from NRC's requirement, as the reactor will be permanently shutting down no later than June 1, 2019. When Entergy announced its intention to cease operations at Pilgrim, the NRC stated that the closure "will not relieve [Entergy] of the responsibility of running that plant as safely as possible until the end of its life."<sup>1</sup> If approved, Entergy's proposal would run directly counter to that responsibility, as it would increase the risk of a containment failure and a catastrophic radioactive release in the event of a terrorist attack or severe accident.

Following the March 11, 2011 earthquake and tsunami that knocked out power at the Fukushima Daiichi nuclear power plant, cooling at the reactors failed and there was a dangerous build-up of hydrogen gas and steam. Under such circumstances, venting the containment can reduce pressure and mitigate the risk of a hydrogen explosion. However, if vents are not hardened and capable of operating in the event of a severe accident, they may become damaged, increasing the likelihood that containment fails and radioactive material is released into the environment. This is precisely what occurred at Fukushima, where vents became inoperable due to the loss of onsite power, resulting in a containment breach and release of radioactive material.

This experience led the Fukushima Near-Term Task Force — a group of experts with unparalleled experience in nuclear safety — to conclude that "a reliable hardened wetwell vent in BWR facilities with Mark I and Mark II containment designs would have a significantly [sic] safety benefit."<sup>2</sup> To fulfill the Task Force's recommendation, the Commission voted in March 2012 to require all operators of Mark I and Mark II boiling water reactors (BWRs) like Pilgrim — the same type of reactor as the ones that melted down in Fukushima— to install hardened containment vents. In June 2013, the Commission issued order EA-13-109, which further required that such vents be capable of operating under severe accident conditions. As the NRC stated, the Fukushima nuclear accident "reinforced the importance of reliable operation of containment vents for plants with Mark I and Mark II containments."<sup>3</sup> By installing such vents, U.S. reactor operators would mitigate a significant risk to public safety.

---

<sup>1</sup> <http://www.capecodtimes.com/article/20151013/NEWS/151019754>

<sup>2</sup> Nuclear Regulatory Commission, "The Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," July 12, 2011, p. 41

<sup>3</sup> <http://www.nrc.gov/docs/ML1314/ML13143A321.pdf>

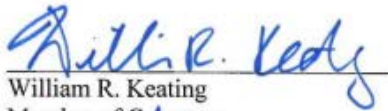
Doing so is particularly important at Pilgrim, which the NRC has listed in "Column 4," the least safe of its operating reactor ratings. Pilgrim's poor safety record was one of the reasons why the entire Massachusetts Congressional delegation wrote to you in October 2015 requesting that the Commission ensure Pilgrim receives the utmost attention to safety and security for the remaining period of its operation.

In keeping with that goal, we once again urge you to reject Entergy's efforts to reduce safety requirements at Pilgrim. Notwithstanding its intention to shut down the plant, Entergy has a paramount responsibility to minimize the risk of catastrophic accidents similar to the one that occurred at Fukushima. Exempting Pilgrim from the NRC's safety requirements would allow Entergy to abdicate that responsibility, unjustifiably exposing Massachusetts communities to danger.

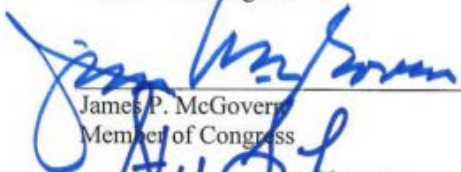
Sincerely,



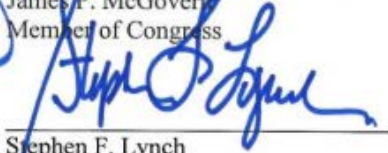
Edward J. Markey  
United States Senator



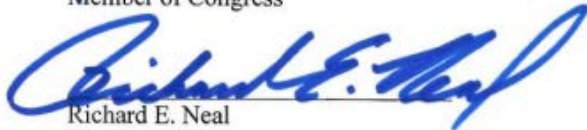
William R. Keating  
Member of Congress



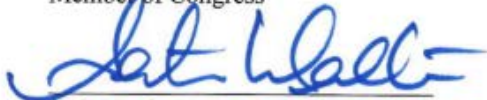
James P. McGovern  
Member of Congress



Stephen F. Lynch  
Member of Congress



Richard E. Neal  
Member of Congress



Seth Moulton  
Member of Congress



Elizabeth Warren  
United States Senator



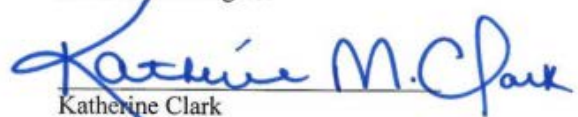
Niki Tsongas  
Member of Congress



Michael E. Capuano  
Member of Congress



Joseph P. Kennedy, III  
Member of Congress



Katherine Clark  
Member of Congress