

Joosten, Sandy

From: Mary Lampert <mary.lampert@comcast.net>
Sent: Monday, December 30, 2013 1:51 PM
To: CHAIRMAN Resource
Subject: Storm Tide Flood Reports-Pilgrim

Chair Allison Macfarlane
NRC
December 30, 2013

RE: Storm Tide Flood Reports-Pilgrim

The Commission is holding a meeting January 6 to discuss spent fuel pool safety and flooding. Weather predictions for Pilgrim Station for January 2 and 3 could provide valuable information for the meeting's discussion if Pilgrim's NRC Resident Inspectors were directed to step outside and actually view and record conditions at Pilgrim - how high the water impacts Pilgrim Station's property. We see the value of flooding assessments made at storm tide flood events in order to provide the best benchmark data.

Rationale:

Jan. 2-3: Weather Prediction for Pilgrim Station's Area

- Building with SNOW Thursday thru Friday, NOAA predicts a **North** wind at 25 to 30 MPH gusts at about 1:00 PM, Friday.
<http://graphical.weather.gov/sectors/boxMarineWeek.php?expandweek=ON#tabs>
- At that same time: Friday about 12:19 PM, the astronomical HIGH tide will be 12.57ft in "Plymouth/Cape Cod Bay", based on <http://www.boatma.com/tides/Jan/Plymouth-Cape-Cod-Bay.html>--Thursday the around noon tide will be slightly HIGHER at 12.61, with a projected 10- 20MPH wind from the NORTHEAST.

Friday (January 3rd) could be the day of the highest actual tide given that the seas will have time to build. This weather forecast bears watching, and could certainly change.

With winds out of the North on Friday, seas in Cape Cod Bay can be expected to pile up. Pilgrim's intake faces east. The jetty appears to top off at elevation 8-9 and could be swamped and debris driven to the intake Thursday and Friday.

Although weather forecasts can change, it looks like an important opportunity to observe conditions on Pilgrim's property -walk downs and measurements outside. The information

would provide a benchmark to make predictions and to assess, for example, placement of spent fuel in the future.

To conclude, we believe that it would be useful for NRC to provide on-location eye witness storm-tide (flood) reports and make the information available to the public.

Thank you for your consideration and wishes for a happy and safe New Year.

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