

From: Heidi Mayo <heidimayo@comcast.net>
To: <nrcprep@nrc.gov>
Date: Sun, Feb 18, 2007 1:15 PM
Subject: Response from "Comment on NRC Documents"

Below is the result of your feedback form. It was submitted by

Heidi Mayo (heidimayo@comcast.net) on Sunday, February 18, 2007 at 13:15:28

Document Title: DRAFT SUPPLEMENTAL ENVIRONMENTAL REVIEW (SEIS)
Draft NUREG-1437, Supplement 29

Comments: I wish to sign on to the comments submitted by Pilgrim Watch dated February 5, 2007, and especially with the statements on impacts on health.

Since I am a statistic - one whose health has been impacted by operations at Pilgrim station - I know the SEIS is incorrect.

Thyroid cancer and thyroid disease are clearly radiation-linked. Radioactive iodine released from reactors is drawn into the thyroid often resulting in cancer and thyroid disease.

Examples of widespread increases in thyroid cancers occurred in communities around Chernobyl, Marshall Islands, and Hanford.

Another example of this type of increase occurred near Pilgrim. As a result of radiation releases in the early and mid 1970s, and some big ones in June of 1982, cases of thyroid cancer and leukemia in the surrounding area were significantly elevated.

Recognizing the effect of I131 on the thyroid, the NRC implemented the Potassium Iodide (KI) program.

The Draft Statement (SEIS) that there have been no health effects here is very incorrect.

In his report to the Southeastern Massachusetts Health Study Review Committee [June 26, 1992] Dr. Richard W. Clapp, former director of the Massachusetts Cancer Registry, presented a graphical assessment showing elevated cases of leukemia and thyroid cancer in the towns closest to Pilgrim during the period 1982-1989. A second graph depicted the pattern of thyroid cancer in the same set of towns. It shows a peak in the years 1987-1988 - the year I was diagnosed. These patterns of cancer incidence are consistent with the predicted health effects of the radiation released in the early 1980s.

Additionally the Massachusetts Cancer Registry for the years 1998-2002, shows a continuing increase of leukemia and thyroid cancer around here.

No one knows exactly how much radioactive iodine has been, and is being released from Pilgrim - Because there is not adequate monitoring and reporting.

We do know that large releases were measured in the '70s and '80s but today no one knows what's coming out of Pilgrim. If this plant is relicensed "as is" we will never know. The least we should have is adequate, real-time monitoring and reporting displayed in all communities as part of the public record.

Since the NRC recognizes the dangers of I131 to our health, and Pilgrim has indeed had a negative impact on public health, this case should require a site-specific review as part of the renewal process.

organization: Pilgrim Watch

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country: USA

phone:

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Subject: Response from "Comment on NRC Documents"
Creation Date Sun, Feb 18, 2007 1:15 PM
From: Heidi Mayo <heidimayo@comcast.net>

Created By: heidimayo@comcast.net

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