

Docket, Hearing

From: Judy Allen [judya814@comcast.net]
Sent: Wednesday, September 12, 2012 12:30 AM
To: Docket, Hearing; Siarnacki, Anne
Subject: Do NOT Re-license Indian Point

Thank you for the opportunity to comment on the proceedings regarding the re-licensing of Indian Point.

I live 14 miles from Indian Point. Which means I am NOT in the official evacuation zone. I live near the intersection of Peekskill Hollow Road and the Taconic Parkway in Putnam Valley. It would be impossible to evacuate the area after an accident at Indian Point. That the NRC does not take evacuation into account during the re-licensing process is criminal negligence.

Indian Point sits at the intersection of two earthquake faults, one which was known about at the time of original licensing, one which has only been recently discovered. Because the northeast is granite-based, tremors carry further than expected. The earthquake that shut the North Santa Anna plant in Virginia was felt HERE. Hundreds of miles away. It moved the dry cask storage containers up to 4 inches. Indian Point is an accident waiting to happen.

All of the spent fuel produced at Indian Point since its inception is still stored at Indian Point and mostly NOT in dry casks either. Very vulnerable spent fuel pools. Catastrophic release of radiation is a distinct possibility.

In day to day operations, Indian Point has both planned and unplanned releases of radiation. I have lost several friends to cancer who lived within the ten miles around Indian Point, some of those cancers caused by radiation, especially thyroid cancer and multiple myeloma. Though this can't be proved, studies HAVE shown that the cancer rate around nuclear plants diminishes after they are closed.

Indian Point is leaking radioactive water into the ground and into the Hudson River from the spent fuel pool under Indian Point 1. No one is doing anything to stop it. There are rusted pipes under the plant that none of the NRC inspectors can inspect because they can't get to them.

Because Entergy has thus far REFUSED to construct a closed-cycle cooling system, it kills up to 1.2 billion fish and fish eggs each year by sucking them into the once-through cooling system and/or spewing out overheated water. New York's Department of Environmental Conservation, the ONLY watchdog on the job, will not renew Indian Point's water quality certificate without a closed-cycle cooling system.

Entergy has asked for and received innumerable exemptions from the NRC instead of following important safety procedures. Last year Entergy sought NRC approval for more than 100 exemptions from regulations. In 2007, the NRC exempted Indian Point from the required insulation protecting electrical cables against fire for at least one hour. Today Entergy uses insulation lasting only 24 minutes for cables that could prevent a catastrophic meltdown if there was a fire. Entergy is also exempt from rusty reactor dome inspection for design basis and from inspecting 60 percent of the radioactive spent fuel pool.

During a visit to the NY ISO (Independent Systems Operator), the agency responsible for maintaining the reliability of the grid, I learned that 1,000 MW produced by Indian Point is no longer needed AT ALL. And we have till 2016 or 2018 to replace the remaining 1,000 MW produced by the other reactor. This doesn't have to come from generation. It can come by distribution (from other sources), or conservation or energy efficiency.

If your agency wishes to retain ANY CREDIBILITY WHATSOEVER regarding your stated mission to protect the public's health and safety, you will realize that the ONLY way to do so is to deny re-licensing to Indian Point.

Thank you again for the opportunity to present my views, on behalf of my family and especially my three-year-old grandson.

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