

# PUBLIC SUBMISSION

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License Renewal Application; Fermi 2

**Comment On:** NRC-2014-0109-0033  
DTE Electric Company; Fermi 2 Nuclear Power Plant; Issuance of Draft Environmental Impact Statement

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RULES AND REGULATIONS  
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## General Comment

See attached file(s)

## Attachments

Fermi 3 licensing

SUNSI Review Complete  
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Add= E. Keegan (ENK)

License renewal for Fermi Nuclear Plant, Monroe County, Michigan  
NRC

Nuclear power is dangerous and an environmental disaster waiting to happen. Waste from the Fermi plant still sits on the property, endangering millions of people, animals, and property in Michigan, Ohio and Canada. Lake Erie is, at this time, already in dire straits due to algae blooms, let alone, if in days or years to come, leakage from the storage casks with radioactive wastes end up leaching into the lake because of age and deterioration, mechanical failure, human error or possible terrorism attack. Detroit, Toledo, Ann Arbor, Cleveland, Toronto, and Windsor along with many smaller towns and villages are all within the wind blowing toxic radiation onto its properties and escaping into its drinking waters.

Building Fermi 3 would add to this radioactive waste for 20+ more years endangering our "environment" for many, many more years.

Fermi is the "environmental" danger within our area. The fish, birds, deer, wet-lands, and savannah are all in danger from this nuclear waste. But, most of all the human fetus, children and adults are the most endangered. Also, the routine releases of radioactivity endanger us all. A local doctor once told me that most women in the Monroe area who are her patients have enlarged thyroids. Routine release of radioactivity may cause cancers, birth defects, cardiovascular and endocrine system disorders.

Daily, thousands of gallons of water from Lake Erie is used for the cooling towers and then sent back to the lake thru Swan Creek. The water is returned warmer than it was when it was withdrawn from the lake. This is not environmentally friendly for the lake. The warmth of the lake may cause more algae blooms and fish death. Some of the water is lost thru humidity and this lowers the lake level and that is detrimental to shipping.

I was born on Swan Creek (north of Fermi), and my childhood home sits on property that looks directly at the Fermi Power complex and within two miles of the plant itself. My family still owns this home. The damage that was done to the animal environment around the plant was done before it was built. Land was filled in and trees were cut down damaging wet-lands and homes for ducks, pheasants, musk-rats and eagles which all were in residence at the time of Detroit Edisons purchasing the property. Now, DTE is lauded for restoring some of said properties. Only within the last few years, have we all come to realize how important the wet-lands are to our survival and DTE has included some of its Fermi properties to restoration.

I have lived in Monroe County my entire life and deal with both cardiovascular disease and diabetes. My sister and brother each deal with one of these diseases. Neighbors and friends who have been in this area for most of their lives also deal with many of the diseases that can increase due to exposure to radiation. We have all been dealing with Fermi since the late 1950's and illnesses have increased ten-fold in those years. We all go to our doctor or dentist and need to wear protection when we have x-rays. We have no protection from the leaks at Fermi. Radioactivity is not good for our physical environment.

Public comments at the December 2, 2015, meeting dealt mostly with DTE being a good neighbor by donating money and employee time to philanthropic entities in Monroe County, and its many employment opportunities. These are both important, but health, safety and the environment are more than equally important. DTE would be a much better neighbor if it placed health, safety and the environment before "buying the publics" acceptance with its donations to good causes.

The NRC needs to take a common sense stance on allowing the development of more nuclear power plants. The time has come for caring for our one and only earth and stopping this license renewal. There is immense danger to our environment, and to our physical and health safety, from mining uranium and radiation release from power plants, whether it is accidental or intentional, and allowing a renewal of the Fermi license.

It is time for DTE to spend taxpayers and ratepayers billions on moving to renewable energy and decommissioning the Fermi complex. And, if the truth were told, it will be the taxpayers and ratepayers paying billions for development or millions for decommissioning.

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