

Fermi Unit 3

Docket No. 52-033-COL

Docketed USNRC

October 7, 2013

Office of the Secretary

Request to Address ASLBP Proceedings 1PM-3PM

October 29, 2013 at Monroe Community College

Monroe, Michigan

### Advance Informational Statement

From: Ron Lankford, 8131 Sigler Road, South Rockwood, Michigan 48179, a Citizen

When I attended the last Public meeting about a new Nuclear plant in Newport, Michigan a statement about the current water consumption mentioned a .5% volume drawn from Lake Erie as the amount used for coolant. As Lake Erie is not a contained body of water, Lake Erie receives all of the remaining flow from Lakes Michigan, Huron, St. Clair and their tributaries channeled through the Detroit River. This is a significantly higher water flow than a contained body of water. And if this volume of water flow from the Detroit River was excluded in the stated .5% used out of Lake Erie, then the current Newport plant uses more water than expressed in the earlier Public statement.

This becomes very important if the water flow is restricted. There is exactly such a proposal by the United States and Canadian governments upstream of the Detroit River in the Port Huron/ St. Mary's River discharge. In an effort to raise the levels of Lake Huron and Lake Michigan, underwater gates are being proposed. Although these gates are to be adjustable, their focus is upstream without regard to the cooling needs of the Newport FERMI Nuclear plant or any Dead Zones created in the Lake. For that matter, if the upper Great Lakes weather pattern is drier than Historically normal, the NRC will be allowing a Nuclear plant to be built in a non-viable area due to Low lake levels.

The Western Basin of Lake Erie is shallow, and recent printed NEWS media report that "Algae Blooms" are on the rise. Heating the water with a new Nuclear plant and dropping the level of Lake Erie to accommodate problems in Lakes Michigan and Huron, are going to create Dead Zones in the water and destroy Commercial fishing and Recreational uses in Lake Erie. More importantly, a barrier to Aquatic Migratory species to the Upper Great Lakes could occur if the Dead Zone is large enough. The proposed Powerplant is also in the middle of a recently declared Federal Wildlife Preserve area which extends to Maumee Bay in Ohio.

Since the last Newport Nuclear plant was built, there have been Environmental changes such as Zebra Mussels and other Invasive species. The above Flowgate Proposal demonstrates that before a new Nuclear plant can be completed, disruptive changes can occur. It is possible that Approved sites are no longer viable for power generation. With changes in the Grid, powerplants can be located in better places. There have to be deeper and better areas on Lake Erie to build a new Nuclear powerplant.

The idea that Utilities have a Territory is akin to Franchising. It makes little sense when all the power plants contribute to the same grid and programs like "Consumers Choice" exist allowing Customers to buy from Power providers anywhere in the Country. Site selection should not be dependent on the Territory of the Power provider.

DTE could not survive without the ability to pass on Financial failures to its customers. Other non-utility businesses would be blamed for Fiduciary irresponsibility and their Executives would face fines and Prison time. The proposed Project can result in a potential loss of \$20-\$24 Billion if the Canadian Government reverses itself to protect its' Fishing industry or if the United States realizes the Newport,

Michigan site is not viable due to changing Lake Erie conditions in shallow water.

The NRC introduced many considerations in its last Presentation in Monroe, Michigan. But the restriction of waterflow into Lake Erie was something that was not considered. It would seem to be important. It also demonstrates that a project that takes 20 Years to complete, can be rendered less practical scarcely a Year later.

In conclusion, the Public's interests would be better served by getting away from Territories and requiring that a Powerplant be located in the Applicant's Home Zone. That Geographical evidence shows the Western Basin of Lake Erie is more shallow, more prone to Algae problems, and more likely to recede in the event of a Drought. That both the Canadian and United States Governments intend to restrict waterflow into Lake Erie to raise the levels of other Great Lakes.

An issuance of a permit to build a Nuclear Powerplant at a Future time would not take into account changes which occur before the Utility decides to go ahead with construction. It would also seem to Grandfather a project which otherwise could be denied by Future developments occurring in the interim to construction.

The fact that a Nuclear Powerplant in the San Diego, California area is seeking to sue Electric customers there for \$800 Million because it ran into problems and was Decommissioned; supports my fears that Power providers will try to go after Detroit Edison customers for any of the unrecovered \$20-\$24 Billion it costs to build a new Fermi plant should its' operation be terminated.

This is basically the information I wish to verbalize at the October 29, 2013 Limited Public Hearing at Monroe Community College, Monroe, Michigan (occurring from 1PM-3PM).

Thank You

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