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## Fermi 2's Information Meeting

The Nuclear Regulatory Commission (NRC) will hold an information meeting on Wednesday, June 21, 2023, from 5:30 – 6:30 p.m. at the Monroe County Courthouse, 125 East Second Street, Monroe, MI 48161.

The purpose of the meeting is for the NRC to tell area residents that Fermi 2 is a safe way to produce energy and they should have more of it.

The NRC will fly in several staff that will stand around in nice suits to answer questions and/or take comments from the public. This may be your chance to meet the infamous NRC Spokesperson, Viktoria Mitlyng.

DTE will be sitting on the sidelines should anyone wish to question them. We did last year and found out they read the *CRAFT Times*! lol.

## Michigan's Pro-Nuclear Caucus

In follow-up on Michigan's PA 218, which directed the Michigan Public Service Commission (MPSC) to conduct a study on advanced nuclear technology, pro-nuclear politicians have formed a Michigan Nuclear Energy Legislative Caucus, aka, "Nuclear Energy Caucus".

Four politicians, called caucus co-chairs, sent a letter to all Michigan politicians inviting them to join stating, "Over the next year, we expect to hold educational events with experts from the nuclear industry, request special meetings and briefings with the MPSC, monitor the stakeholder meetings related to the feasibility study, and work on drafting nuclear energy-related legislation."

The four are Rep. Graham Filler, Rep. Samantha Steckloff, Rep. Helena Scott, and Sen. Joe Bellino. While in the Michigan House, Bellino was able to keep the 1% cap on solar from being raised.

The results of the MOSC study are due in April of 2024.

## Citizens' Resistance at Fermi Two

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[www.facebook.com/groups/51956598157696/](http://www.facebook.com/groups/51956598157696/)

<https://shutdownfermi.org>



## A Fermi 3 Reactor is Not Dead

DTE filed its six-month report to fulfil legal requirements to keep their license to build a Fermi 3 reactor up to date, and viable. The report states "The scheduled implementation dates for the operational programs remains as "To Be Determined" (TBD)."

With the current pro-nuclear federal and state administrations, a Fermi 3 could be the focal point. Or more than one - Fermi 4, 5, 6, never ending.

On May 15, 2023, DTE Chief Nuclear Officer Peter Dietrich addressed approximately sixty people at Monroe County Community College's Nuclear Technology Program's Open House.

He encouraged students to enroll in the college's Nuclear Technology Program because there will be plenty of jobs in the nuclear energy. At one point, he said DTE was looking to build four Small Modular Reactors (SMR) on the Fermi site to replace the Monroe Coal units which will go offline in 2035.

One of our solar allies attended and got a copy of every paper handed out and there is nothing in writing about DTE's SMR plans, but newly elected Joe Bellino is hard at work preparing the political way, and he reportedly announced the planned four SMRs at a public meeting in Monroe.



BLOPER

*"I went back to warn them, but they already knew and didn't seem to care."*

## Fermi's Non-Rad Report

Twice per year, DTE reports to the NRC on Fermi's Non-Radiological Environmental Protection Plan (EPP). The things we want to share from this report are that DTE states their terrestrial monitoring to see if Fermi's cooling tower vapor affects surrounding vegetation "was completed in 1994." and won't be done again.

Another quote we want to share is, "Contiguous to the site are four oil-fired combustion turbine generators (CTGs), which are periodically operated during periods of high electricity demand as well as during required testing."

And this statement did not instill confidence in us, "the NRC will rely on the Michigan Department of Environment, Great Lakes, and Energy (EGLE) for the protection of the aquatic environment from non-radiological operational impact via the National Pollution Discharge Eliminations System (NPDES) Permit."

## Revision of Event Notifications

DTE sent in two revisions regarding two previous High-Pressure Coolant Injection (HPCI) malfunctions. See Documents Received for those.

The first HPCI shutdown due to the fans making a "loud metallic noise" was dismissed as normal. "Subsequent inspection and evaluation determined that brake noise is expected while fans are running at low speeds." (*So, the fans started acting "normal" after 40 years on non-metal scraping in their rotations?*)

The second sounds even more bizarre, "further analysis of the condition was performed utilizing a gothic analysis model...and it was determined that the resulting worst case post-accident room temperature was sufficiently low enough to provide margin to HPCI without the room cooler in service."

## NRC Licenses Waste NM Dump

The Nuclear Regulatory Commission (NRC) has issued Holtec International a permit to build and operate a consolidated interim storage facility for spent nuclear fuel in Lea County, New Mexico.

No one except the nuclear cartel wants this facility which plans to begin operations with 500 casks of spent fuel rods, especially New Mexicans. The State previously passed a law making such a dump illegal, which the NRC totally ignored.

New Mexico's governor said she "would use every tool in her toolbox" to stop the facility from being built.

## Two License Amendment Requests

DTE has filed two License Amendment Requests for the Fermi 2 reactor's Technical Specifications.

One is to deal with Pressure Isolation Valve (PIV) Leakage and the other with Surveillance Requirements.

The Surveillance one states, "Specifically, the proposed amendment would add a requirement to verify the crankcase overpressure automatic trip for each Emergency Diesel Generator is bypassed on an actual or simulated emergency start signal." (*Somehow DTE states this would help in case of a tornado.*)

The Pressure Isolation tells us, "Examples of precedent for this specific change to the types of Reactor Coolant System PIV valves covered under the TS Surveillance Requirements were not found;"

License Amendment Requests are one time citizens are allowed to file for a public hearing. However, the filing would make a saint lose their patience. We have done it twice and will just have to hope Fermi 2 holds up.

## And the Good News Is ...

A gentleman named Steve Yearly won the quilt that CRAFT donated to the Monroe Earth Day Festival this year.



## FYI – Climate Crisis News

- = Ann Arbor, Michigan, is among a handful of U.S. cities where residents are seeking to [create locally owned utilities](#) to make their grid more resilient to climate change and speed the clean energy transition. (*Inside Climate News*)
- = Federal nuclear regulators will [conduct a special inspection](#) of an Ohio nuclear plant to investigate ground settlement issues that could impair the plant’s structural integrity. (*Cleveland Scene*)
- = Michigan’s second-largest city will seek federal funding and issue a request for proposals to [repurpose a former landfill](#) with solar. (*MLive*)
- = A Michigan State University researcher [refutes claims](#) that wind and solar projects cause widespread harm to wildlife or the environment as local officials consider banning commercial scale renewable energy projects. (*WLNS*)
- = The Palisades nuclear plant in Michigan may [receive](#) approximately \$1 billion in federal loans to restart operations, with lawmakers considering an additional \$300 million in state funds. If approved, this move could make the power plant the first U.S. nuclear reactor to restart after being shut down. (*MLive*)
- = An advanced nuclear company says it will [build two commercial reactors](#) on the site of a former gaseous diffusion plant in southern Ohio. (*Power*)
- = Shareholders of Detroit-based utility DTE Energy [reject a proposal](#) that would have required increased transparency and annual reporting on the utility’s political spending. (*Energy and Policy Institute*)

- = A growing number of Great Lakes states are [considering options for offshore wind energy](#) despite challenges involving winter ice cover, insufficient port infrastructure and public opposition. (*States Newsroom*)
- = Michigan Democrats [join environmental groups](#) to promote a package of clean energy bills that aim to boost energy efficiency and carbon free electricity. (*Michigan Advance*)
- = The owner of a southwestern Michigan nuclear plant [expects to know by July](#) whether it will receive both federal and state funding to reopen the plant. (*Herald-Palladium*)
- = Michigan lawmakers again [propose to lift caps](#) on ratepayer participation in utility rooftop solar programs while requiring utilities to pay “fair” rates for excess power sent back to the grid. (*Crain’s Detroit Business, subscription*)
- = A bipartisan group of Michigan lawmakers write to Gov. Gretchen Whitmer [in support of state funding](#) to repower a recently shuttered nuclear plant. (*WWMT*)

## May Fermi Documents Received

- = NRC’s Open House Fermi 2’s Performance. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23115A415>
- = ML23116A310. Annual Non-Radiological Environmental Operating Report. See page 2. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23116A310>
- = Event Number 56241. Revision of 11/28/2022 event.
- = Event Number 56295. Revision of 1/04/2023 event. See article, page 2.
- = Fermi 3 reports. See article, page 1. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23124A203>
- = ML23128A017. License Amendment Request re: Technical Requirements Surveillance – See page 2. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23128A017>
- = **ML23128A026**. License Amendment Request. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23128A026>
- = **ML23136A548**. Response to NRC Request for More LAR Info re: Surveillance Requirements. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23136A548>



= **ML23130A103**. Audit Summary for DTE's LAR re: Tech Specs.

<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML23130A103>

= **Event No. 56542**. Fermi's Cooling Tower Fan Brakes have a design flaw. See article this page.

## Small Modular Reactors (SMR)



**This is a drawing of a completed Small Modular Reactor (SMR – which some say stands for Small Mythical Reactor).**

While our federal government is cry-babbling about a money shortage, they committed \$275 million to NuScale, a nuclear company, to build a SMR in **Romania**. That came with a pledge of \$4 billion for future funding.

The push for SMRs – none of which have ever been built – has become worldwide. An announcement was made that two will be built in Ohio; one is being considered for an Indonesian fertilizer facility; and of course, DTE is reportedly planning to build four SMRs at the Fermi site.

Read the disgusting full report here.

<https://neutronbytes.com/2023/05/20/us-commits-275m-to-nuscale-smr-for-romania-4b-pledged-for-future-funding/>

## Fermi's Cooling Fan Design Flaw

Workers at Fermi submitted the following report:

"As previously reported under Fermi LER 2023-001-00, submitted on May 22, 2023, at 1145 EDT on March 23, 2023, it was determined that all mechanical draft cooling tower (MDCT) fan brakes would not perform their design function during a tornado due to the speed switch not functioning over its published voltage and frequency ranges. The MDCT fan brakes are required to prevent fan overspeed from a design basis tornado. On May 25, 2023, Fermi completed its 10 CFR Part 21 discovery process and determined the need to perform a 10 CFR Part 21 evaluation. The vendor (Engine Systems Inc. (ESI)) was contacted, and the purchaser (Fermi) assumed responsibility for performing the Part 21 evaluation for the supplied mechanism. This Part 21 evaluation is being tracked by Fermi CARD 23-20075.

"It has been determined the direct cause of the event was due to the Dynalco speed switch model SST-2400A-1, supplied by ESI, not functioning over its published voltage and frequency ranges. Corrective actions were taken to develop a design change to correct MDCT fan speed control system returning the MDCT fans, ultimate heat sink, and the service water subsystems to service on March 24, 2023. The root cause evaluation is ongoing, and written follow-up will be provided in 30 days by providing a supplement to the original LER by June 24, 2023.



## *CRAFT Times*

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