



Sept. 2021 CRAFT Times vol. 8 no. 9
 (Fermi 2 nuclear reactor & other environmental news)

DTE Electric Seeks Cost Recovery

DTE has requested the Michigan Public Service Commission's (MPSC) approval to commence a renewable energy cost reconciliation proceeding for 2020. What does that mean?

The gist of it is to “approve the prices per MWh for renewable energy capacity and advanced cleaner energy capacity and for renewable energy and advanced cleaner energy to be recovered,” MPSC states.

There will be a Video/Teleconferencing pre-hearing on September 15, 2021, at 10 a.m. Any interested person may participate. Should anyone wish to intervene, they must file by September 8th.

To bear witness to the proceedings, call the MPSC Secretary at 517-284-8090 for details.

High-Pressure Coolant Inoperable

On Aug. 12th, DTE filed Event Notification #55403 to say that a high-pressure coolant injection (HPCI) was declared inoperable due to a pump flow controller problem.

The filing states, “The cause of the controller problem is unknown...” However, the Inspection Report that came in last month identified problems with the HPCI.

Then, Aug. 22, DTE filed another. In No. 55423, HPCI “was declared inoperable due to receiving the HPCI Inverter Circuit Failure annunciator. The cause was a fuse failure.”

(We're lucky the HPCI wasn't needed to prevent a meltdown at either time.)

Citizens' Resistance at Fermi Two
(CRAFT) telephone **313-286-3827**
 Post Office Box 401356, Redford MI 48240
shutdownfermi@gmail.com
www.facebook.com/groups/51956598157696/
<https://shutdownfermi.org>



Fermi's Integrated Inspection

The NRC Inspectors completed their inspection on June 30, 2021, and found several minor violations, which they label “Green.”

One violation was for “failure to perform multiple hourly fire watch tours...” This stems from a newly installed alternate diesel fire pump (ADFP) “installed as a backup system to a non-functional permanently installed diesel fire pump. The ADFP was degraded because it produced less than the required design flow rate due to a pump suction configuration problem.”

Workers were instructed to check for fires hourly. That didn't happen and thus, violation. DTE admitted workers' wrongdoing. “The licensee investigated the questionable times and determined a programmatic fire watch implementation problem existed.”

Inspectors also evaluated the High-Pressure coolant injection room “following identification of a degraded flood seal...” and plans to “repair separator seal rank level issue” and “repair an underground cable fault that resulted in loss of control power to transformer 1...”

They also identified a few issues. One was a degraded flooding seal that “did not support operability.” An old issue of where to safely store nitrogen bottles is still being discussed.



Fermi's Evacuation Plan, Part 3

Both DTE and the NRC think that if there is a major accident at Fermi 2, only people who live within a 10-mile radius need to be evacuated. Where would those people go?

Congregate Care Centers “are for people who have nowhere to stay outside the Emergency Planning Zone. Initially, at the Reception Centers, (*see Part 2 in last month's issue for those*) you will be registered and told which Care Center to go to and how to get there.”

If you have no transportation to leave when an emergency happens, “A special transportation hotline telephone number will be announced at the time of the emergency.” Then someone will come get you and deliver you to the Reception Centers. *That sounds good on paper.*

There are four classifications for a nuclear emergency. Unusual Event is the least serious, “a minor problem.” An Alert “could reduce the plant's level of safety.” A Site Area Emergency, “A more serious accident has occurred at the plant...which does not require you to take any action...” A General Emergency is, “The most serious of the four classifications...EAS stations would broadcast information and instructions.” The Public inquiry telephone number is 734-243-8600.

DTE Constructs Wind Farms

DTE began installing 77 wind turbines across 15,000 to 20,000 acres in three townships – Mt. Haley and Porter in Midland County, and Jonesfield in Saginaw County.

DTE started the Meridian Wind Park in 2016 and was approved by the Michigan Public Service

Commission in 2020. It is expected to be completed by the spring of 2022.

A tower is 328 feet tall and the blades (which weigh seven tons each) are 164 feet long, together making each one taller than the Statue of Liberty. The towers are manufactured by Ventower in Monroe, Michigan.

Big Bucks for DTE Executive

The Detroit News ran a story showing Michigan's top corporate executives made “313 times as much as their median employees...”

DTE Energy's CEO Gerry Anderson earned nearly \$11 million which was 91 times what DTE said was their median worker “who earned \$120,861...” (*We are wondering what an average DTE worker makes.*)

More Ohio Corruption Charges

Ohio's attorney general added a new defendant state lawsuit against FirstEnergy Corp, including the company's ex-chief executive Charles Jones who was fired last year.

The amendment claims that Jones, ex-vice president Michael Dowling and former Public Utility Commission Chairman Sam Randazzo engaged in extortion and money laundering for their roles to get the bill passed to bail out two nuclear reactors.

Last month, FirstEnergy agreed to pay the feds \$230 million to make their criminal investigation go away and agreed to “conspiracy to commit honest services wire fraud” (*whatever that is*) and admitted paying millions of dollars in bribes to elected state officials.

We include this Ohio report because it deals with nuclear corruption. If we just dealt with political corruption, we could report of the FBI raiding Detroit's City Hall and two Detroit Council Members' homes in a corruption probe.

Class Action Suit Against DTE

Metro Detroit residents filed a class action lawsuit against DTE Energy alleging the company didn't do enough to ensure power to the Freud pump station during the June flooding.

Freud was short five of eight pumps during the June 25-26 rains because of the June 22 power outage. DTE denies responsibility.



DTE Buys Carbon Capture Credits

As bizarre as 2020 was, 2021 may top it. In a precedent-making move, DTE has made a deal with the Michigan Department of Natural Resources (DNR) to buy “carbon credits” from the trees in the Pigeon River Country State Forest.

The trees won’t get any of the \$10 million, but the DNR will, and they promise to only do good things with it. DTE promises to pass along the deal to their business customers.

“And it provides our customers with the option to bundle carbon offsets with their gas purchases to basically decrease their carbon footprint,” said Matt Paul, President of DTE Gas.

And the DNR hopes this is just the beginning – “Michigan has almost another four million acres of trees sucking up CO2.”

August Fermi Documents Received

= **ML21216A213**. Integrated Inspection Report. <https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML21216A213>

= **Event Number 55403**. A high-pressure coolant injection (HPCI) was declared inoperable due to a pump flow controller problem

= **Event Number 55423**. HPCI “was declared inoperable due to receiving the HPCI Inverter Circuit Failure annunciator. The cause was a fuse failure.”

= **ML21230A212**. Info request to support problem identification inspection at Fermi. Basically, the NRC wants to know what corrections have been made since July 2019.

= **ML21229A090**. Response to Request for Additional Info re; LAR for Tech Specs. This is

basically a compromise in wording worked out between the NRC and DTE. The change went from “inboard injection isolation testable check valves” to “check valves.”

<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML21229A090>

= **ML21230A259**. Changes to Fermi’s operating manual. One change, “Valid data from at least 22 of 43 radial locations from OPERABLE detectors.”

<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML21230A259>

= **ML21230A259**. Exact same as ML21230A212 filing on Aug. 25th.

<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML21232A212>

= **ML21235A013**. Triennial Inspection of Evaluation of Changes Baseline Inspection Report. See article, this page.

<https://adamswebsearch2.nrc.gov/webSearch2/main.jsp?AccessionNumber=ML21235A013>

Fermi Gets non-Cited Violations

After a July 2021 inspection, the NRC gave Fermi an un-cited violation “the failure to ensure the replacement of High Pressure Coolant Injection (HPCI) suction strainer configuration was based on supporting calculations that included the Mark 1 containment was not demonstrated to be adequate to meet requirements.”

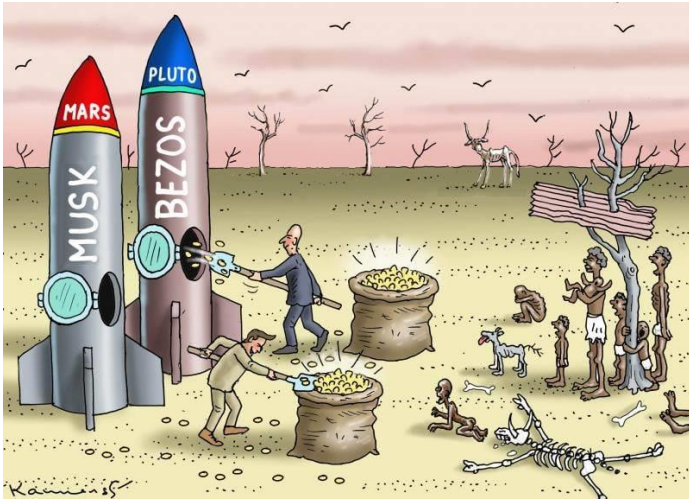
This stems from “failed to evaluate changes to the original suction strainer welds.” DTE had identified the strainer was damaged and hired a contractor to replace it. However, they used a weaker material.

DTE has now placed the issue on a Corrective Action Resolution Document (CARD) – which means the public can’t follow up.

CRAFT Public Zoom Meeting

You are invited to attend a zoom meeting with the CRAFT Steering Committee Team on Thursday September 16th from 5:30-6:30 p.m. We look forward to In-Person meetings, but not yet. Here is the link for the meeting: <https://us02web.zoom.us/j/6559569802?pwd=ajMvRE5TNmVJaW1iWIRJalV2dnhZdz09>

Let’s brainstorm on convincing DTE to phase out Fermi 2.



Fermi Power Down for Repair

On August 27th, Fermi was at 55% power. I emailed the NRC spokesperson Viktoria Mytling to see why. Here is her response.

“Good morning Jessie,

Fermi encountered an issue on the production, non-nuclear side of the plant and decreased power per plant procedures in order to address the issue. NRC resident inspectors are following up; there are no safety concerns; and the plant is in a stable condition.

Best regards,
-Viktoria”

I asked her which was the non-nuclear side.

"The production side involves the turbine and the generator versus the reactor and related safety equipment. -Viktoria"



To the Majic Foundation for their grant!

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Post Office Box 401356
Redford MI 48240