



DTE Energy®

**Fermi 3
Combined License Mandatory Hearing
Environmental Overview – Panel 2**



- Historic Preservation
- International Interactions
- Continued Storage Rule

DTE Took Steps to Preserve Historic Information About Fermi 1



- Fermi 1 is eligible for inclusion into the National Register of Historic Places
- Use of Fermi 1 site area reduces impacts to undeveloped areas at Fermi site from building Fermi 3
- DTE archived historical artifacts and plant records relating to Fermi 1
- DTE developed Fermi 1 exhibit at Monroe County Community College; opened August 2013

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Recreating the ATOMIC AGE

History of Fermi 1 nuclear power plant told in new exhibit at MCCC

— No one here is quite so The Fermi 1 Power Plant containment tank under construction in 2013 in Newport.

BY CHARLES SLAT
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Some artifacts from the early age of atomic power now have a new home in Monroe.

Monroe County Community College and DTE Energy today dedicated a permanent exhibit in the concourse of the college's new Career Technology Center that tells the history of the Fermi Atomic Power Plant — the old Fermi 1 plant — a mid-1950s experiment that once was the world's largest liquid-metal cooled, fast-breeder reactor.

"They came from around the world to learn about it," said Joe Verheven, MCCC marketing director, who coordinated development of the exhibit with DTE and other MCCC staff.

Through photos, video, pieces of equipment and other artifacts, the exhibit traces DTE's involvement in the Power Reactor Development Corp., a coalition of utilities and companies that bankrolled the project in hopes of proving that a plant could economically generate material to make more fuel than it used, while generating electricity.

Fermi 1 began operating near Newport in 1956, next to where DTE's Fermi 2 plant now stands. On Oct. 5, 1962, molten coolant

flow guides broke loose inside the reactor and caused some of its nuclear fuel to melt down. It provided gas for the book, "The Atomic Line Disaster," a dramatic re-creating of the incident that utility officials criticize as inaccurate.

Sparting development of the MCCC exhibit was DTE's need to preserve a historical record of the Fermi 1 site — regarded as a national historical site — which might be impacted if the company proceeds with building a proposed Fermi 3 plant on the property.

"If and when Fermi 3 is built, Fermi 1 will be affected and we agreed to create a permanent historical exhibit," said Guy Carullo, a DTE spokesman.

He said the cost of the exhibit came from the Fermi 3 housing budget.

Indeed, anti-nuclear activists used the creation of the exhibit as a tool to try to block the new plant, contending that the exhibit would be a misrepresentation of history — essentially a whitewash of events.

But the utility won state and federal permits. See FERMI, Page 7b.

DTE energy spokesman Guy Carullo (left) and MCCC Marketing Director Joe Verheven talk about the artifacts from the old Fermi 1 nuclear power plant on display in the new Career Technology Center at the Monroe County Community College. A new sculpture (right) on the campus commemorates the history of Fermi 1 and its connection to the community.

— Photo illustrated by DTE at MCCC

- The Fermi site is in close proximity to the US/Canada international border (approximately 7 miles)
- Fermi 2 provided “template” for international interactions for Fermi 3
- DTE addressed potential transboundary impacts in the Fermi 3 Environmental Report; no unique or unusual impacts were identified
- DTE conducts ongoing and frequent outreach with local Canadian officials, similar to Fermi 2 interactions

Continued Storage GEIS and Fermi 3 FEIS Fully Assess Impacts of On-Site Spent Fuel Storage



- Fermi 3 would be the first COL issued since the Continued Storage Rule was published in October 2014
- NRC efforts in developing the Continued Storage Rule were commendable
 - Good public outreach
 - Met rulemaking schedule
 - No new and significant information in Continued Storage GEIS
 - No FEIS supplement was necessary