Welcome to Fermi 2, Newport, Michigan

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Local hotels and restaurants list from Monroe County Convention & Tourism Bureau
Monroe is supported by a diversified economy, which features retail stores, as well as commercial and industrial businesses. Monroe is home to the world headquarters of both La-Z-Boy Inc. and Tenneco Automotive. DTE Energy through its Monroe and Fermi 2 power plants, along with the Newport Service Center form a vital foundation for the local Monroe economy.

DTE Energy – Who we are

Monroe is supported by a diversified economy, which features retail stores, as well as commercial and industrial businesses. Monroe is home to the world headquarters of both La-Z-Boy Inc. and Tenneco Automotive. DTE Energy through its Monroe and Fermi 2 power plants, along with the Newport Service Center form a vital foundation for the local Monroe economy.

DTE Energy is a diversified energy company headquartered in Detroit. We are involved in the development and management of energy-related businesses and services nationwide. DTE Energy has 10,300 employees, approximately 1,300 of whom work and live in Monroe County.
Fermi 2

In 1956, Detroit Edison broke ground for the Enrico Fermi atomic power plant – the world’s first experimental liquid-metal-cooled fast-breeder reactor. The Enrico Fermi plant is now being decommissioned.

Construction on Fermi 2 began in 1968 when DTE Energy announced plans to build a light water reactor power plant along the Western shore of Lake Erie in Frenchtown Township. The plant was constructed to meet the fast-growing, local demand for electricity and to provide the region with a diverse fuel mix.

The plant opened in 1988, after a series of construction delays. Since that time, the plant has produced more than 143 billion kilowatt hours of electricity for Detroit Edison customers. The plant produces about 15 percent of the power generated by Detroit Edison.

Today, the plant has operated safely and efficiently for two decades and continues to provide safe, emission-free electricity for residents across Michigan.

In 2001, Fermi 2 was the first nuclear power plant in the state to achieve Clean Corporate Citizen status for recognition of top environmental performance. The plant has received the designation every year since 2001. Also, the plant is a wildlife habitat certified site by the Wildlife Habitat Council.

In early 2007, DTE Energy began another chapter in that history when it began the licensing process for a possible new nuclear plant at the site of the existing nuclear plant in Newport, Michigan.

In September, 2008, we filed our combined license application (COLA) with the Nuclear Regulatory Commission (NRC). The NRC has indicated that the review process could take as many as 42 months.

While the company has not yet made the final decision on whether or not to build, we have begun the licensing application process. We expect the total licensing and construction process for a new nuclear plant could take as many as 11 years to complete.

A new nuclear plant represents a multi-billion dollar investment for DTE Energy; and we estimate the new facility, if constructed, could spur as much as $430 million in the sale of goods and services for the local economy.
Site layout

To better understand Fermi 2, let’s go on a “tour” and explore the Fermi Site Map (right).

A **security perimeter fence** surrounds the Owner Controlled Area. This area includes all of the property owned by Detroit Edison outside of the Protected Area. A vehicle pass or special permission is required for entry.

The **protected area**, highlighted in pink, is a fenced-in area located within the Owner Controlled Area. Access to this area requires a badge issued by Security. Visitors can only gain entrance with an appropriate escort.

The **security access point** is the point where you may enter the Protected Area of the site. To do this, you must first pass through the Primary Access Portal (PAP) or the Alternate Access Portal (AAP).

The Radiologically Restricted Areas (RRA) include parts of the plant where workers could be exposed to radiation and/or radioactive materials. Access is restricted to personnel who have received Radiation Worker Training.

**Security screenings**, drug and alcohol testing, and classroom training/testing are performed at the General Training and Orientation Center (GTOC).

**Important site phone numbers**

| Control Room | 734-586-5235 |
| Emergency – Fire, Medical, Other | 734-586-1250 |
| Fermi Drive Main Gate | 734-586-4531 |
| Medical | 734-586-5200 |

Driving directions

**Directions from Detroit Metropolitan Airport:**

- Take I-94 West to I-275 South. From southbound I-275, exit onto northbound I-75. Take the first exit, Exit 21 (Newport Road).
- Go east on Newport Road to Swan Creek Road.
- Take Swan Creek Road east.
- Turn right onto north Dixie Highway and continue three miles to the Enrico Fermi Energy Center sign. Turn left and follow Fermi Drive to the Security Main Gate.

**Directions from the north (Detroit):**

- Take I-75 South to take Exit 21 (Newport Road).
- Turn right and continue to the traffic light at Dixie Highway St. Charles Church and School will be on the right.
- Turn right onto Dixie Highway and continue about three miles to the Enrico Fermi Energy Center sign.
- Turn left and follow Fermi Drive to the Security Main Gate.

**Directions from southbound I-275:**

- From southbound I-275, exit onto northbound I-75. Take the first exit, Exit 21 (Newport Road).
- Go east on Newport Road to Swan Creek Road.
- Take Swan Creek Road East.
- Turn right onto north Dixie Highway and continue three miles to the Enrico Fermi Energy Center sign. Turn left and follow Fermi Drive to the Security Main Gate.

**Directions from the south (Toledo):**

- From the south (Toledo) on I-75, take Exit 15 (M-50, Dixie Highway).
- Turn right, continue approximately five miles to the Enrico Fermi Energy Center sign.
- Turn right and follow Fermi Drive to the Security Main Gate.

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Nuclear security

The following security requirements are in place:

• Visitors will not be allowed entry to the site before 7:30 a.m. unless previous arrangements have been made.

• You may be requested to give your social security number to your site contact or security. Your social security number will be used for security purposes only and will be handled as confidential information.

• All personnel and vehicles are subject to search. The following items are prohibited: firearms (loaded or unloaded), explosives, incendiary devices, alcoholic beverages, controlled substances without a prescription and ammunition.

Escorted and unescorted access

Escorted access

If you are not being given a badge for unescorted access, you will enter the site as a visitor. All visitors must be escorted into the protected and vital areas of the stations.

An escort is an individual with authorized unescorted access for the area the visitor needs to enter. If you are being escorted, you must remain with your escort at all times. The escort must maintain visual contact AND voice control of the visitor at all times. The visitor may enter a restroom or locker room unescorted if there is only one entrance/exit and the escort observes the entry/exit. Immediately report any lost badges to Security at 6-5119 or 734-586-5119.

Unescorted access

If you are to be given a badge for unescorted site access, you will be required to successfully complete the necessary training and in-processing activities. These activities may include security screening, drug and alcohol testing, classroom training and testing. Access requirements are determined on an individual, as needed, basis.

Security badges must be displayed at all times on the upper portion of your body, on the outer garment, with the picture facing out. Immediately report any lost badges to Security at 6-5215 or 734-586-5215.

Radiological Emergency Response Preparedness (RERP)

Emergency planning

In case of a plant emergency, it is important and is federally required to have adequate plans and enough trained personnel to deal with the situation. The purpose of the Emergency Planning (EP) is to ensure that both of these requirements are met.

For “EMERGENCY” situations, the Control Room must be notified using the fastest means available – using the on-site phone by dialing 6-1250 or 734-586-1250 or by paging the Control Room on the Hi-Com. The plant Hi-Com is also used to locate individuals in the plant. For lengthy discussions, use the site telephones or meet the person at their work location.
Individual responsibilities

As in any industrial organization, several general rules must be followed when working in our nuclear power plant.

• The only reading material allowed in the station is that which is directly related to the operation, maintenance or design of the plant
• NO sleeping or horseplay on the job
• Turn pagers to vibrate and cell phones “off” when attending training or meetings
• Do not enter a door or other entryway marked with a red stop sign

Hard hats and safety glasses
With few exceptions, hard hats and safety glasses are to be worn at all times within the plant. If you are not certain whether a hard hat or safety glasses are required, check with your supervisor or escort/sponsor. Hard hats and safety glasses are not needed when entering or exiting the plant along designated paths and while in offices, locker rooms, the control room, and lunch/break room.

Safety glasses must conform to ANSI and company standards to protect from flying particles/debris and be shatterproof. If you are not sure if your glasses meet these standards, check with your supervisor or escort/sponsor. Safety glasses with side shields, safety goggles, or face shields may be needed to meet these requirements. Eye protection should be inspected periodically for scratches and cracks that may obscure vision or decrease protection. Additionally, you should clean your eye protection to prevent obscured vision.

Footwear
Substantial footwear must be worn in the plant. Shoes must meet company standards and should NOT have any of the following:
• Crushed guard
• Cracked, split, or cut outer covering
• Cracks or holes in the soles
• Slick heels or soles

Hearing protection
You must wear hearing protection when working in a designated high-noise area. These areas are posted throughout the plant. In addition to posted areas, areas where it is difficult to hear or converse should also be considered high-noise areas. Being exposed to excessive noise without protection can result in a temporary and/or gradual hearing loss.

Smoking policy
• Smoking is only allowed in designated outdoor areas.
• Smoking is prohibited within all DTE Energy worksites without exception.
DTE Energy in the community

DTE Energy believes that being part of the community is a privilege – one we strive to earn by contributing time, resources and expertise to create a stronger and more sustainable future for people and programs throughout Monroe County and our service territory.

The DTE Energy Foundation, the charitable arm of DTE Energy, awarded nearly $7.6 million dollars to Michigan nonprofits in 2007 alone. These efforts include our involvement in the nuclear energy industry and our commitment to supporting nuclear energy education.

Fermi 2 partners with local elementary schools to provide career and educational mentors and math and science support. The Fermi 2 plant is also one of the leading contributors to the Monroe County United Way, the Red Cross of Monroe County, the Holiday Toys for Tots Campaign, the Monroe County Chamber and many other local organizations.

Recently, we partnered with Monroe Community College to implement a Nuclear Engineering Technology Associates of Applied Science degree program for Monroe County students. More than 17 students are now enrolled in the program, designed to prepare participants to work as technicians in the expanding nuclear energy field.

More information

For more information on DTE Energy, Monroe County, as well as the local business opportunities and our extraordinary quality of life, visit the following Web sites:

www.dteenergy.com/nuclear
Monroemi.usachamber.com
http://www.monroefoto.com/
http://www.co.monroe.mi.us/monroe/
http://www.2chambers.com/monroe_michigan.htm

Below: Fermi 2 partners with the Monroe Milers, Monroe County Intermediate Schools District, Monroe County Community College to host an annual Energy Walk/Run fundraiser. Now entering its 20th year, this event has raised more than $20,000 for literacy in Monroe County.