NUCLEAR REGULATORY COMMISSION

[Docket No. 50–341; NRC–2014–0109]

DTE Electric Company; Fermi Nuclear Power Plant, Unit 2

AGENCY: Nuclear Regulatory Commission.

ACTION: License renewal and record of decision; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) issued a renewal of Facility Operating License No. NPF–43, held by DTE Electric Company (DTE or the Licensee), for the continued operation of Fermi Nuclear Power Plant, Unit 2 (Fermi 2). The renewed facility operating license No. NPF–43 authorizes operation of Fermi 2 at reactor core power level not in excess of 3,486 megawatts thermal (approximately 1170 megawatts electric), in accordance with the provisions of the renewed license and technical specifications. In addition, the NRC has prepared a record of decision (ROD) that supports the decision to renew facility operating license No. NPF–43.

DATES: The renewed operating license No. NPF–43 is effective on December 15, 2016.

ADDRESSES: Please refer to Docket ID NRC–2014–0109 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- Federal Rulemaking Web site: Go to http://www.regulations.gov and search for Docket ID NRC–2014–0109. Address questions about NRC dockets to Carol Gallagher; telephone: 301–415–3463; email: Carol.Gallagher@nrc.gov. For technical questions, contact the individual listed in the FOR FURTHER INFORMATION CONTACT section of this document.

- NRC’s Agencywide Documents Access and Management System (ADAMS): You may obtain publicly-available documents online in the ADAMS Public Documents collection at http://www.nrc.gov/reading-rm/adams.html. To begin the search, select “ADAMS Public Documents” and then select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1–800–397–4209, 301–415–4737, or by email to pdr.resource@nrc.gov.

- NRC’s PDR: You may examine and purchase copies of public documents at the NRC’s PDR, Room O1–F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.


SUPPLEMENTARY INFORMATION: The NRC has issued renewed Facility Operating License No. NPF–43, held by the licensee, which authorizes continued operation of Fermi 2 at reactor core power levels not in excess of 3,486 megawatts thermal, in accordance with the provisions of the renewed license and technical specifications. The ROD that supports the decision to renew Facility Operating License No. NPF–43 is available in ADAMS under Accession No. ML16270A567.

As discussed in the ROD and the final supplemental environmental impact statement (FSEIS) for Fermi 2 Nuclear Power Plant, Supplement 56 to NUREG–1437, “Generic Environmental Impact Statement for License Renewal of Nuclear Plants, Regarding Fermi 2 Nuclear Power Plant,” dated September 2016 (ADAMS Accession No. ML16259A103 for Volume 1 and ML16259A109 for Volume 2), the NRC considered a range of reasonable alternatives that included natural gas combined-cycle (NGCC); coal-integrated gasification combined-cycle; new nuclear power; and a combination of NGCC, wind, and solar power. The ROD and FSEIS document the NRC’s determination that the adverse environmental impacts of license renewal for Fermi 2 are not so great that preserving the option of license renewal for energy planning decision makers would be unreasonable.

Fermi 2 is a single-unit, boiling water reactor and is located in Frenchtown Township, Michigan. The application for the renewed license, “Fermi 2 License Renewal Application,” dated April 24, 2014 (ADAMS Package Accession No. ML14121A554), as supplemented by letters dated through July 6, 2016, complied with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the NRC’s regulations. As required by the Act and the NRC’s regulations in chapter I of title 10 of the Code of Federal Regulations, the NRC has made appropriate findings, which are set forth in the license. A public notice of the proposed issuance of the renewed license and an opportunity for
NUCLEAR REGULATORY COMMISSION
[Docket No. 50–166; NRC–2010–0250]

University of Maryland; Maryland University Training Reactor

AGENCY: Nuclear Regulatory Commission.

ACTION: Environmental assessment and finding of no significant impact; issuance.

SUMMARY: The U.S. Nuclear Regulatory Commission (NRC) is considering renewal of Facility Operating License No. R–70, held by the University of Maryland (UMD or the licensee) for the operation of the Maryland University Training Reactor (MUTR) for an additional 20 years. The NRC is issuing an environmental assessment (EA) and finding of no significant impact (FONSI) associated with the proposed renewal of the license.

DATES: The EA and FONSI referenced in this document are available on December 22, 2016.

ADDRESSES: Please refer to Docket ID NRC–2010–0250 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods:

- Federal Rulemaking Web Site: Go to http://www.regulations.gov and search for Docket ID NRC–2010–0250. Address questions about NRC dockets to Carol Gallagher; telephone: 301–415–3463; email: Carol.Gallagher@nrc.gov. For technical questions, contact the individual listed in the FOR FURTHER INFORMATION CONTACT section of this document.
- NRC’s Agencywide Documents Access and Management System (ADAMS): You may obtain publicly available documents online in the ADAMS Public Documents collection at http://www.nrc.gov/reading-rm/adams.html. To begin the search, select “ADAMS Public Documents” and then select “Begin Web-based ADAMS Search.” For problems with ADAMS, please contact the NRC’s Public Document Room (PDR) reference staff at 1–800–397–4209, 301–415–4737, or by email to pdr.resource@nrc.gov. For the convenience of the reader, the ADAMS accession numbers are provided in a table in the “Availability of Documents” section of this document.
- NRC’s PDR: You may examine and purchase copies of public documents at the NRC’s PDR, Room O1–F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

FOR FURTHER INFORMATION CONTACT:

SUPPLEMENTARY INFORMATION:

I. Introduction

The NRC is considering renewal of Facility License No. R–70, held by the UMD, which would authorize continued operation of the MUTR, located in College Park, Prince George’s County, Maryland. Therefore, as required by section 51.21 of title 10 of the Code of Federal Regulations (10 CFR), “Criteria for and identification of licensing and regulatory actions requiring environmental assessments,” the NRC performed an EA. Based on the results of the EA that follows, the NRC has determined not to prepare an environmental impact statement for the renewed license and is issuing a FONSI. The renewed license will be issued following the publication of this notice.

II. Environmental Assessment

Description of the Proposed Action

The proposed action would renew Facility License No. R–70 for a period of 20 years from the date of issuance of the renewed license. The proposed action is in accordance with the licensee’s application dated May 12, 2000, as shown in four letters dated June 7, August 4, September 17, and October 7, 2004; April 18, 2005; April 25, (two letters), August 28 (two letters), September 7, November 9, and December 18, 2006; May 27, July 28, and September 22, 2010; January 31, February 2, May 2, July 5, July 29, September 26, September 28, and October 12, 2011; February 9, March 14, May 22, and August 29, 2012; March 21, 2013; April 10, June 18, and November 25 (two letters), 2014; December 2, 2015; and January 5, February 18, February 29, and November 17, 2016. In accordance with 10 CFR 2.109, “Effect of timely renewal application,” the existing license remains in effect until the NRC takes final action on the renewal application.

Need for the Proposed Action

The proposed action is needed to allow the continued operation of the MUTR to routinely provide teaching, research, and services to numerous institutions for a period of 20 years.

Environmental Impacts of the Proposed Action

The NRC is preparing its safety evaluation (SE) of the proposed action to issue a renewed Facility Operating License No. R–70 to allow continued operation of the MUTR for a period of 20 years and concludes there is reasonable assurance that the MUTR will continue to operate safely for the additional period of time. The details of the NRC staff’s SE will be provided with the renewed license that will be issued as part of the letter to the licensee approving its license renewal application. This document contains the EA of the proposed action.

The MUTR is located on the northeastern quadrant of UMD campus in a dedicated building connected to the Chemical and Nuclear Engineering Building. The reactor is housed in a building constructed primarily of concrete, brick, and steel which serves as a confinement. The reactor site comprises the reactor building and a small area immediately surrounding it. Adjacent to the reactor site are three buildings: The J.M. Patterson Building; the Asphalt Institute, and the Animal and Avian Sciences building. The nearest permanent residences are located approximately 370 meters (1,200 feet) from the site boundary. The nearest dormitories are located approximately 230 meters (750 feet) from the reactor.

The MUTR is a light water open pool type reactor licensed for a maximum 250 kilowatt (thermal) steady state power using low-enriched uranium (less than 20 percent) TRIGA (Training, Research, Isotope Production, General Atomics) fuel. The reactor is not licensed to operate in a pulse mode. The