

September 7, 2011

MEMORANDUM TO: Edwin M. Hackett, Executive Director
Advisory Committee on Reactor Safeguards

FROM: David B. Matthews, Director */RA Frank Akstulewicz for:/*
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: FERMI UNIT 3, COMBINED LICENSE APPLICATION – ADVANCED
FINAL SAFETY EVALUATION FOR CHAPTER 5, “REACTOR
COOLANT SYSTEM AND CONNECTED SYSTEMS”

By letter dated September 18, 2008, Detroit Edison Company (Detroit Edison) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for a combined license (COL) for Fermi Unit 3.

Based on our review of the application, the staff is providing the Advisory Committee on Reactor Safeguards (ACRS) its advanced final safety evaluation (AFSE) for Chapter 5, “Reactor Coolant System and Connected Systems” (ML112351095). Unless otherwise stated in the AFSE, the staff’s review was based on Revision 3 of the application. The AFSE is being provided to support a meeting of the subcommittee of the ACRS scheduled for October 20, 2011. The ACRS full committee meeting will be held after the subcommittee meeting.

In accordance with the memorandum to the ACRS dated March 17, 2010 (ML100700612), the staff has reviewed the submitted information against the categories for which the ACRS requested be used to highlight information for review by the committee. The staff’s assessment of this chapter is that there are no items that meet the categories for discussion with the Committee.

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The staff concludes that the AFSE does not contain any information exempt from public disclosure. However, the NRC will withhold the AFSE from public disclosure for ten business days to allow Detroit Edison the opportunity to verify the staff's conclusion that the AFSE contains no such exempt information. Therefore, the staff requests that the ACRS withhold the AFSE from public disclosure until the information has been released publicly in ADAMS.

The staff will inform the ACRS immediately if Detroit Edison requests that any of the information in the AFSE be withheld from public disclosure.

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The staff will inform the ACRS immediately if Detroit Edison requests that any of the information in the AFSE be withheld from public disclosure.

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ADAMS Accession No.: Package: ML112351083
Memorandum – ML112351087
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NRO-002

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