

July 31, 2007

Mr. Peter T. Dietrich  
Site Vice President  
Entergy Nuclear Operations, Inc.  
P.O. Box 110  
Lycoming, NY 13093

SUBJECT: SAFETY EVALUATION REPORT WITH OPEN ITEMS RELATED TO THE  
LICENSE RENEWAL OF JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Dear Mr. Dietrich:

By letter dated July 31, 2006, Entergy Nuclear Operations, Inc., (ENO or the applicant) submitted, for the U.S. Nuclear Regulatory Commission (NRC) review, an application to renew the James A. FitzPatrick Nuclear Power Plant (JAFNPP), operating license for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The staff determined that the LRA was complete and acceptable for docketing on September 14, 2006.

The staff has reviewed the JAFNPP LRA and has developed the enclosed "Safety Evaluation Report With Open Items related to the License Renewal of the James A. FitzPatrick Nuclear Power Plant," hereinafter referred to as the Safety Evaluation Report (SER). This SER reflects the status of the staff's review of the LRA, the staff's onsite audit and review of LRA-related documents, requests for additional information (RAIs), the applicant's responses to the staff's RAIs and other questions related to the LRA through June 20, 2007, unless otherwise noted. Issuance of the enclosed SER is an important milestone for both the applicant and the staff.

The staff has identified open items in its review, which must be resolved before it can make a final determination on the application. The staff has identified no confirmatory items as indicated in SER Section 1.6. SER Section 1.5 includes a listing of the open items with an explanation of the information required to satisfactorily resolve the issues. In order to resolve these items, the staff has requested additional information, as identified in the SER.

In accordance with the schedule for completing the review of the JAFNPP LRA, the applicant is requested to review the enclosed SER, verify its accuracy, and provide comments to the staff within thirty days from the date of this letter. The staff plans to review the current content and format of the SER for further improvement while incorporating the applicant's comments. A revised SER will then be issued by January 26, 2008.

P. Dietrich

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The staff is committed to completing the review of the JAFNPP SER in a timely manner. If you have any questions regarding this matter, please contact the license renewal Senior Project Manager, Ngoc (Tommy) Le, at 301-415-1458 or via e-mail at [nbl@nrc.gov](mailto:nbl@nrc.gov).

Sincerely,

**/RA/**

Pao-Tsin Kuo, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-333

Enclosure:  
Safety Evaluation Report with  
Open and Confirmatory Items

cc w/encl: See next page

P. Dietrich

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The staff is committed to completing the review of the JAFNPP SER in a timely manner. If you have any questions regarding this matter, please contact the license renewal Senior Project Manager, Ngoc (Tommy) Le, at 301-415-1458 or via e-mail at [nbl@nrc.gov](mailto:nbl@nrc.gov).

Sincerely,

**/RA/**

Pao-Tsin Kuo, Director  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-333

Enclosure:  
Safety Evaluation Report with  
Open and Confirmatory Items

cc w/encl: See next page

DISTRIBUTION: See next page

\* Concurrence via email

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Letter to P. Dietrich, from PT Kuo, dated June 31, 2007

SUBJECT: SAFETY EVALUATION REPORT WITH OPEN AND CONFIRMATORY ITEMS  
RELATED TO THE LICENSE RENEWAL OF JAMES A. FITZPATRICK  
NUCLEAR POWER PLANT

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FitzPatrick Nuclear Power Plant

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FitzPatrick Nuclear Power Plant

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