



Entergy Nuclear Northeast  
Entergy Nuclear Operations, Inc.  
James A. Fitzpatrick NPP  
P.O. Box 110  
Lycoming, NY 13093  
Tel 315 349 6024 Fax 315 349 6480

July 31, 2006  
JAFP-06-0109

Pete Dietrich  
Site Vice President - JAF

U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

SUBJECT: Entergy Nuclear Operations, Inc.  
James A. FitzPatrick Nuclear Power Plant  
Docket No.: 50-333  
License No.: DPR-59

**License Renewal Application**

Dear Sir or Madam:

Pursuant to 10 CFR 51 and 10 CFR 54, Entergy Nuclear Operations, Inc. (ENO) hereby applies for renewal of the operating license for the James A. FitzPatrick Nuclear Power Plant (JAFNPP) to extend the license for an additional 20 years beyond the current expiration date. With renewal, the JAFNPP operating license would be extended from midnight on October 17, 2014 to midnight on October 17, 2034.

The enclosed License Renewal Application and related Appendices contain the information required by 10 CFR 54 for the contents of an application.

As required by 10 CFR 54.21(b), current licensing basis changes which have a material effect on the content of this application, including the FSAR Supplement (Appendix A), will be identified at least annually while the application is under NRC review and at least three months prior to the scheduled completion of the NRC review.

This application is submitted in accordance with 10 CFR 2 Subpart A, 10 CFR 50.4, and 10 CFR 50.30. ENO hereby submits the original (plus 80 CDs) of the application pursuant to 10 CFR 50.4(b), 10 CFR 51.55(a), and 10 CFR 54.17(a).

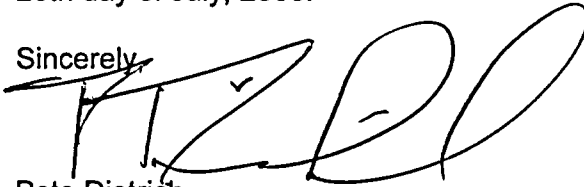
Commitments contained in this application are summarized in the attachment.

Should you have any questions concerning this submittal, please contact Mr. James Costedio at (315) 349-6358.

A124

I declare under penalty of perjury that the foregoing is true and correct. Executed on the 26th day of July, 2006.

Sincerely,



Pete Dietrich  
Site Vice President

PD/rp

Attachment: List of Regulatory Commitments

Enclosures: License Renewal Application  
Appendix A Updated Final Safety Analysis Report Supplement  
Appendix B Aging Management Programs and Activities  
Appendix C Response to BWRVIP Applicant Action Items  
Appendix D Technical Specifications Changes  
Appendix E Applicant's Environmental Report

cc: with Attachment and Enclosures

Mr. John P. Boska, Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Mail Stop O-8-C2  
Washington, DC 20555

cc: without Attachment and Enclosures

Mr. Samuel J. Collins, Administrator  
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U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Paul Eddy  
New York State Department of Public Service  
3 Empire State Plaza, 10<sup>th</sup> Floor  
Albany, NY 12223

NRC Resident Inspector  
U.S. Nuclear Regulatory Commission  
James A. FitzPatrick Nuclear Power Plant  
PO Box 136  
Lycoming, NY 13093

Mr. Peter R. Smith, President  
NYSERDA  
17 Columbia Circle  
Albany, NY 12203-6399

**Attachment to**

**JAFP-06-0109**

**List of Regulatory Commitments**

### List of Regulatory Commitments

The following table identifies those actions committed to by Entergy in this document. Any other statements in this submittal are provided for information purposes and are not considered to be regulatory commitments.

COMMITMENT	TYPE		SCHEDULED COMPLETION DATE
	ONE- TIME ACTION	CONTINUING COMPLIANCE	
Programs listed in Appendix B Section B.1 of the license renewal application		X	October 17, 2014
Update FSAR Supplement in LRA, Appendix A, Section A.1 and A.2	X		First FSAR update after LRA approval