

July 11, 2006

Mrs. Mary G. Korsnick  
Vice President R.E. Ginna Nuclear Power Plant  
R.E. Ginna Nuclear Power Plant, LLC  
1503 Lake Road  
Ontario, NY 14519

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT - AMENDMENT RE: 16.8 PERCENT  
POWER UPRATE (TAC NO. MC7382)

Dear Mrs. Korsnick:

The Commission has issued the enclosed Amendment No. 97 to Renewed Facility Operating License No. DPR-18 for the R.E. Ginna Nuclear Power Plant. This amendment consists of changes to the Renewed Facility Operating License and Technical Specifications (TSs) in response to your application transmitted by letter dated July 7, 2005, as supplemented by letters dated August 15, September 30, and December 6, 9, and 22, 2005, and January 11 and 25, February 16, March 3 and 24, and May 9 and 19, 2006.

The amendment revises the Renewed Facility Operating License and TSs to authorize an approximately 16.8 percent increase in the licensed steady-state thermal power level from 1520 megawatts thermal (MWt) to 1775 MWt. This level of power increase is considered an extended power uprate.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

*/RA/*

Patrick D. Milano, Sr. Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosures:

1. Amendment No. 97 to Renewed License No. DPR-18
2. Safety Evaluation

cc w/encls: See next page

July 11, 2006

Mrs. Mary G. Korsnick  
Vice President R. E. Ginna Nuclear Power Plant  
R.E. Ginna Nuclear Power Plant, LLC  
1503 Lake Road  
Ontario, NY 14519

SUBJECT: R.E. GINNA NUCLEAR POWER PLANT - AMENDMENT RE: 16.8 PERCENT  
POWER UPRATE (TAC NO. MC7382)

Dear Mrs. Korsnick:

The Commission has issued the enclosed Amendment No. 97 to Renewed Facility Operating License No. DPR-18 for the R.E. Ginna Nuclear Power Plant. This amendment consists of changes to the Renewed Facility Operating License and Technical Specifications (TSs) in response to your application transmitted by letter dated July 7, 2005, as supplemented by letters dated August 15, September 30, and December 6, 9, and 22, 2005, and January 11 and 25, February 16, March 3 and 24, and May 9 and 19, 2006.

The amendment revises the Renewed Facility Operating License and TSs to authorize an approximately 16.8 percent increase in the licensed steady-state thermal power level from 1520 megawatts thermal (MWt) to 1775 MWt. This level of power increase is considered an extended power uprate.

A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

*/RA/*

Patrick D. Milano, Sr. Project Manager  
Plant Licensing Branch I-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosures:

1. Amendment No. 97 to Renewed License No. DPR-18
2. Safety Evaluation

cc w/encls: See next page

Accession Number: ML061380103

OFFICE	LPLI-1\PM	LPLI-1\LA	SPWB\BC	SBPB\BC	CSGB(A)\BC	CPNB\BC	CVIB\BC
NAME	PMilano	SLittle	JNakoski	DSolorio	EMurphy	TChan	MMitchell
DATE	07/05/06	07/ /06	04/04/06	03/23/06	02/17/06	04/03/06	02/02/06
OFFICE	CFEB\BC	EEMB\BC	EICB\BC	EEEE(A)\BC	EQVA\BC	IOLB\BC	IHPB\BC
NAME	KGruss	KManoly	AHowe	EBrown	DThatcher	DTrimble	TFrye
DATE	02/15/06	02/24/06	02/23/06	02/02/06	03/03/06	03/23/06	02/10/06
OFFICE	AADB\BC	APLA\BC	AFPB\BC	ACVB\BC	TechEd	OGC	LPLI-1\BC
NAME	MKotzalas	MRubin	SWeerakkody	RDennig	HChang	JMoore	RLaufer
DATE	02/15/06	02/23/06	01/31/06	01/01/06	06/14/06	07/05/06	07/09/06
OFFICE	DORL\D	NRR\D					
NAME	CHaney	JDyer					
DATE	07/10/06	07/10/06					

Official Record Copy

DATED: July 11, 2006

AMENDMENT NO. 97 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-18  
R.E. GINNA NUCLEAR POWER PLANT

PUBLIC

LPLI-1 R/F

J. Dyer	RidsNrrWpcMail
M. Webber	RidsNrrOd
S. Collins, RI	RidsRgn1MailCenter
B. Boger	RidsNrrAdro
C. Haney	RidsNrrDorl
C. Holden	RidsNrrDorl
R. Laufer	RidsNrrDorlLpla
S. Little	RidsNrrLASLittle
P. Milano	RidsNrrPMPMilano
J. Nakoski	RidsNrrDssSpwb
D. Solorio	RidsNrrDssSbpb
T. Bloomer	RidsNrrDciCsgb
T. Chan	RidsNrrDciCpnb
M. Mitchell	RidsNrrDciCvib
K. Gruss	RidsNrrDciCfeb
K. Manoly	RidsNrrDeEemb
A. Howe	RidsNrrDeEicb
G. Wilson	RidsNrrDeEeeb
D. Thatcher	RidsNrrDeEqva
N. Salgado	RidsNrrDirslolb
T. Boyce	RidsNrrDirsltsb
T. Frye	RidsNrrDirslhpb
M. Kotzalas	RidsNrrDraAadb
M. Rubin	RidsNrrDraApla
S. Weerakkody	RidsNrrDraAfpb
R. Dennig	RidsNrrDraAcvb
G. Hill (2)	
OGC	RidsOgcRp
ACRS	RidsAcrsAcnwMailCenter
S. Hansel, RI	RidsRgn1MailCenter

cc: Plant Service list

R.E. Ginna Nuclear Power Plant

cc:

Mr. Michael J. Wallace  
President  
R.E. Ginna Nuclear Power Plant, LLC  
c/o Constellation Energy  
750 East Pratt Street  
Baltimore, MD 21202

Mr. John M. Heffley  
Senior Vice President and  
Chief Nuclear Officer  
Constellation Generation Group  
1997 Annapolis Exchange Parkway  
Suite 500  
Annapolis, MD 21401

Kenneth Kolaczyk, Sr. Resident Inspector  
R.E. Ginna Nuclear Power Plant  
U.S. Nuclear Regulatory Commission  
1503 Lake Road  
Ontario, NY 14519

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Peter R. Smith, President  
New York State Energy, Research,  
and Development Authority  
17 Columbia Circle  
Albany, NY 12203-6399

Mr. Carey W. Fleming, Esquire  
Senior Counsel - Nuclear Generation  
Constellation Generation Group, LLC  
750 East Pratt Street, 17th Floor  
Baltimore, MD 21202

Mr. Charles Donaldson, Esquire  
Assistant Attorney General  
New York Department of Law  
120 Broadway  
New York, NY 10271

Ms. Thelma Wideman, Director  
Wayne County Emergency Management  
Office  
Wayne County Emergency Operations  
Center  
7336 Route 31  
Lyons, NY 14489

Ms. Mary Louise Meisenzahl  
Administrator, Monroe County  
Office of Emergency Preparedness  
1190 Scottsville Road, Suite 200  
Rochester, NY 14624

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

R.E. GINNA NUCLEAR POWER PLANT, LLC

DOCKET NO. 50-244

R.E. GINNA NUCLEAR POWER PLANT

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 97  
Renewed License No. DPR-18

1. The Nuclear Regulatory Commission (the Commission or the NRC) has found that:
  - A. The application for amendment filed by the R.E. Ginna Nuclear Power Plant, LLC (the licensee) dated July 7, 2005, as supplemented on August 15, September 30, and December 6, 9, and 22, 2005, and January 11 and 25, February 16, March 3 and 24, and May 9 and 19, 2006, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance: (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Renewed Facility Operating License and Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Renewed Facility Operating License No. DPR-18 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 97, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance and shall be implemented prior to startup from the fall 2006 refueling outage. Implementation shall include: (a) the revisions to plant operating procedures and the completion of operator training on the proposed power uprate, (b) incorporation of licensing basis changes into the next revision of the Updated Final Safety Analysis Report required by 10 CFR 50.71(c), and (c) inclusion of the commitments, as described in the licensee's application, as supplemented, and the staff's safety evaluation dated July , 2006, in the licensee's Commitment Management Program.

FOR THE NUCLEAR REGULATORY COMMISSION

*/RA/*

J. E. Dyer, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: July 11, 2006

ATTACHMENT TO LICENSE AMENDMENT NO. 97

RENEWED FACILITY OPERATING LICENSE NO. DPR-18

DOCKET NO. 50-244

Replace the following page of the Renewed Facility Operating License with the attached revised page. The revised page is identified by amendment number and contains marginal lines indicating the areas of change.

Remove

3

Insert

3

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

1.1-1  
1.1-2  
1.1-3  
1.1-4  
1.1-5  
1.1-6  
3.3.1-1  
3.3.1-2  
3.3.1-3  
3.3.1-4  
3.3.1-5  
3.3.1-6  
3.3.1-7  
3.3.1-8  
3.3.1-9  
3.3.1-10  
3.3.1-11  
3.3.1-12  
3.3.1-13  
3.3.1-14  
3.3.1-15  
3.3.1-16  
3.3.2-1  
3.3.2-2  
3.3.2-3  
3.3.2-4  
3.3.2-5  
3.3.2-6

Insert

1.1-1  
1.1-2  
1.1-3  
1.1-4  
1.1-5  
1.1-6  
3.3.1-1  
3.3.1-2  
3.3.1-3  
3.3.1-4  
3.3.1-5  
3.3.1-6  
3.3.1-7  
3.3.1-8  
3.3.1-9  
3.3.1-10  
3.3.1-11  
3.3.1-12  
3.3.1-13  
3.3.1-14  
3.3.1-15  
3.3.1-16  
3.3.2-1  
3.3.2-2  
3.3.2-3  
3.3.2-4  
3.3.2-5  
3.3.2-6

Remove

3.3.2-7  
3.3.2-8  
3.3.2-9  
3.3.2-10  
3.4.10-1  
3.4.10-2  
3.7.6-1

Insert

3.3.2-7  
3.3.2-8  
3.3.2-9  
3.3.2-10  
3.4.10-1  
3.4.10-2  
3.7.6-1