

May 31, 2001

Mr. Oliver D. Kingsley, President
and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: CLINTON POWER STATION, UNIT 1 - ISSUANCE OF AMENDMENT
(TAC NO. MB1302)

Dear Mr. Kingsley:

The U.S. Nuclear Regulatory Commission (Commission) has issued the enclosed Amendment No. 139 to Facility Operating License No. NPF-62 for the Clinton Power Station, Unit 1. The amendment is in response to your application dated March 1, 2001.

The amendment increases the reactor core isolation cooling surveillance test upper pressure limit.

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

Sincerely,

/RA/

Jon B. Hopkins, Senior Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosures: 1. Amendment No. 139 to NPF-62
2. Safety Evaluation

cc w/encls: See next page

Mr. Oliver D. Kingsley, President
and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
1400 Opus Place, Suite 500
Downers Grove, IL 60515

May 31, 2001

SUBJECT: CLINTON POWER STATION, UNIT 1 - ISSUANCE OF AMENDMENT
(TAC NO. MB1302)

Dear Mr. Kingsley:

The U.S. Nuclear Regulatory Commission (Commission) has issued the enclosed Amendment No. 139 to Facility Operating License No. NPF-62 for the Clinton Power Station, Unit 1. The amendment is in response to your application dated March 1, 2001.

The amendment increases the reactor core isolation cooling surveillance test upper pressure limit.

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

Sincerely,
/RA/

Jon B. Hopkins, Senior Project Manager, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosures: 1. Amendment No. 139 to NPF-62
2. Safety Evaluation

cc w/encls: See next page

Distribution w/encls:

PUBLIC
PD3-2 r/f
ACRS
GGrant, RIII
GHill (2)
OGC
WBeckner

DOCUMENT NAME: C:\Program Files\Adobe\Acrobat 4.0\PDF Output\amd-1302.wpd ACCESSION NO.:
ML011570290

To receive a copy of this document, indicate in the box: "C" = Copy without enclosures "E" = Copy with enclosures "N" = No copy

OFFICE	PM:PD3-2	E	LA:PD3-2	E	BC:SRXB		OGC	NLO	SC:PD3-2	
NAME	JHopkins		THarris		JWermiel		APH		AMendiola	
DATE	05/21/01		05/18/01		05/21/01		05/22/01		05/31/01	

OFFICIAL RECORD COPY

Oliver D. Kingsley

Clinton Power Station, Unit 1
AmerGen Energy Company, LLC

cc:

John Skolds
Chief Operating Officer
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

R. M. Krich
Director-Licensing
Mid-West Regional Operating Group
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

William Bohlke
Senior Vice President Nuclear Services
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Robert Helfrich
Senior Counsel, Nuclear
Mid-West Regional Operating Group
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

John Cotton
Senior Vice President - Operations
Support
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Document Control Desk-Licensing
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Christopher Crane
Senior Vice President - Mid-West
Regional Operating Group
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

Illinois Department of Nuclear Safety
Office of Nuclear Facility Safety
1035 Outer Park Drive
Springfield, IL 62704

Jeffrey Benjamin
Vice President - Licensing and
Regulatory Affairs
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

J. M. Heffley
Vice President
Clinton Power Station
RR 3, Box 228
Clinton, IL 61727-9351

H. Gene Stanley
Operations Vice President
Mid-West Regional Operating Group
Exelon Generation Company, LLC
1400 Opus Place, Suite 900
Downers Grove, IL 60515

M. J. Pacilio
Plant Manager
Clinton Power Station
RR 3, Box 228
Clinton, IL 61727-9351

W. S. Iliff
Regulatory Assurance Manager (Acting)
Clinton Power Station
RR 3, Box 228
Clinton, IL 61727-9351

Oliver D. Kingsley

Clinton Power Station, Unit 1
AmerGen Energy Company, LLC

cc:

Resident Inspector
U.S. Nuclear Regulatory Commission
RR#3, Box 229A
Clinton, IL 61727

R. T. Hill
Licensing Services Manager
General Electric Company
175 Curtner Avenue, M/C 481
San Jose, CA 95125

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, IL 60532-4351

Chairman of DeWitt County
c/o County Clerk's Office
DeWitt County Courthouse
Clinton, IL 61727

J. W. Blattner
Project Manager
Sargent & Lundy Engineers
55 East Monroe Street
Chicago, IL 60603

AMERGEN ENERGY COMPANY, LLC

DOCKET NO. 50-461

CLINTON POWER STATION, UNIT 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 139

License No. NPF-62

1. The U.S. Nuclear Regulatory Commission (the Commission) has found that:
 - A. The application for amendment by AmerGen Energy Company, LLC (the licensee), dated March 1, 2001, 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 Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. NPF-62 is hereby amended to read as follows:

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A and the Environmental Protection Plan contained in Appendix B, as revised through Amendment No. 139 are hereby incorporated into this license. AmerGen Energy Company, LLC shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

3. This license amendment is effective as of its date of issuance and shall be implemented within 30 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/RA/

Anthony J. Mendiola, Chief, Section 2
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Attachment: Changes to the Technical
Specifications

Date of Issuance: May 31, 2001

ATTACHMENT TO LICENSE AMENDMENT NO. 139

FACILITY OPERATING LICENSE NO. NPF-62

DOCKET NO. 50-461

Replace the following page of the Appendix "A" Technical Specifications with the attached revised page. The revised page is identified by amendment number and contains a marginal line indicating the area of change.

Remove Pages

3.5-11

Insert Pages

3.5-11

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 139 TO FACILITY OPERATING LICENSE NO. NPF-62
AMERGEN ENERGY COMPANY, LLC
CLINTON POWER STATION, UNIT 1
DOCKET NO. 50-461

1.0 INTRODUCTION

By letter dated March 1, 2001, the licensee (AmerGen Energy Company, LLC) for Clinton Power Station (CPS) requested an amendment to the technical specifications (TSs). The amendment would increase the reactor core isolation cooling (RCIC) system surveillance test upper pressure limit from 1020 psig to 1045 psig.

2.0 EVALUATION

RCIC supplies water for core cooling following reactor pressure vessel isolation accompanied by a loss of feedwater flow similar to the safety-related high pressure core spray system. RCIC has a single steam-driven turbine-pump to provide the cooling flow.

One TS surveillance to ensure RCIC operational status consists of a requirement to verify RCIC pump flow rate of greater than or equal to 600 gallons per minute against appropriate system head pressure every 92 days. This surveillance is required to be performed with RCIC steam supply pressure less than or equal to 1020 psig and greater than or equal to 920 psig. Normal reactor operating pressure may exceed 1020 psig, thus, resulting in the possibility that reactor power level may have to be reduced to perform this surveillance. Therefore, the licensee is requesting that the steam supply upper pressure limit for the surveillance be increased from 1020 psig to 1045 psig.

The proposed steam supply upper pressure limit of 1045 psig is within the RCIC operating limits and is consistent with TS 3.4.12, "Reactor Steam Dome Pressure," which requires the reactor steam dome pressure to be less than or equal to 1045 psig for reactor operation. The Nuclear Regulatory Commission (NRC) staff has reviewed the proposed change and finds that the increase to 1045 psig for the surveillance steam supply upper pressure limit is consistent with RCIC system design, is consistent with TS 3.4.12, will not negate the acceptability of the surveillance test flow rate; and, therefore, is acceptable to the staff.

3.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Illinois State official was notified of the proposed issuance of the amendment. The State official had no comments.

4.0 ENVIRONMENTAL CONSIDERATION

This amendment changes a requirement with respect to installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 or changes a surveillance requirement. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (66 FR 17964). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b), no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

5.0 CONCLUSION

The staff has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributor: J. Hopkins

Date: May 31, 2001