



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001
September 12, 2008

Mr. Charles G. Pardee
Chief Nuclear Officer
AmerGen Energy Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: CLINTON POWER STATION (CPS), UNIT NO. 1 - ISSUANCE OF
AMENDMENT RE: LICENSE AMENDMENT REQUEST TO INCREASE THE
INTERVAL BETWEEN LOCAL POWER RANGE MONITOR CALIBRATIONS
FROM 1000 MEGAWATT-DAYS/TON (MWD/T) TO 2000 MWD/T AS
REQUIRED IN CPS TECHNICAL SPECIFICATION SURVEILLANCE
REQUIREMENT 3.3.1.1.8 AND 3.3.1.3.2. (TAC NO. MD3795)

Dear Mr. Pardee:

The U.S. Nuclear Regulatory Commission (the Commission) has issued the enclosed Amendment No. 181 to Facility Operating License No. NPF-62 for the Clinton Power Station (CPS), Unit No. 1. The amendment is in response to your application dated December 12, 2006, as supplemented by letters dated November 16, 2007, and May 16 and June 27, 2008.

The amendment would increase the interval between local power range monitor (LPRM) calibrations from 1000 megawatt-days/ton (MWD/T) to 2000 MWD/T required by the CPS Technical Specification Surveillance Requirement 3.3.1.1.8 and 3.3.1.3.2. The November 16, 2007, and May 16, and June 27, 2008, supplements, contained clarifying information and did not change the NRC staff's initial proposed finding of no significant hazards consideration.

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,

Stephen P. Sands, Project Manager
Plant Licensing Branch III-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosures:

1. Amendment No. 181 to NPF-62
2. Safety Evaluation (Non-proprietary)
3. Safety Evaluation (Proprietary)

cc w/enclosures 1 and 2: See next page

SPS

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