

September 28, 2004

Mr. Christopher M. Crane, President  
and Chief Executive Officer  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, Illinois 60555

SUBJECT: CLINTON POWER STATION, UNIT 1 - REQUEST FOR ADDITIONAL  
INFORMATION (TAC NO. MC3035)

Dear Mr. Crane:

By letter dated April 26, 2004 (RS-04-044), AmerGen Energy Company, LLC, proposed a change to Clinton Power Station Technical Specification 3.8.7, "Inverters - Operating." The proposed change would revise the Completion Time for Required Action A.1 from the current 24 hours for a Division 1 or 2 Nuclear System Protection System inverter inoperable to 7 days.

As part of the staff's review, the staff has identified the enclosed request for additional information. This information will be needed to assist the staff in completing their review. Please contact me at 301-415-1364 if you have any questions.

Sincerely,

*/RA/*

Douglas V. Pickett, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosure: As stated

cc w/encl: See next page

September 28, 2004

Mr. Christopher M. Crane, President  
and Chief Executive Officer  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, Illinois 60555

SUBJECT: CLINTON POWER STATION, UNIT 1 - REQUEST FOR ADDITIONAL  
INFORMATION (TAC NO. MC3035)

Dear Mr. Crane:

By letter dated April 26, 2004 (RS-04-044), AmerGen Energy Company, LLC, proposed a change to Clinton Power Station Technical Specification 3.8.7, "Inverters - Operating." The proposed change would revise the Completion Time for Required Action A.1 from the current 24 hours for a Division 1 or 2 Nuclear System Protection System inverter inoperable to 7 days.

As part of the staff's review, the staff has identified the enclosed request for additional information. This information will be needed to assist the staff in completing their review. Please contact me at 301-415-1364 if you have any questions.

Sincerely,

*/RA/*

Douglas V. Pickett, Senior Project Manager, Section 2  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-461

Enclosure: As stated

cc w/encl: See next page

DISTRIBUTION:

|           |          |           |                 |
|-----------|----------|-----------|-----------------|
| PUBLIC    | PDIII-2  | AMendiola | PCoates         |
| DPickett  | OGC      | ACRS      | SReynolds, RIII |
| GHill (2) | RJenkins | DNguyen   | TBoyce          |
| TOwusu    |          |           |                 |

**ADAMS Accession Number: ML042570465**

|        |          |          |           |           |
|--------|----------|----------|-----------|-----------|
| OFFICE | PM:PD3-2 | LA:PD3-2 | SC:EEIB   | SC:PD3-2  |
| NAME   | DPickett | PCoates  | RJenkins* | AMendiola |
| DATE   | 09/27/04 | N/A      | 08/02/04  | 09/28/04  |

**OFFICIAL RECORD COPY**

\*See RJenkins to AMendiola memorandum dated 8/2/04

Clinton Power Station, Unit 1

cc:

Senior Vice President - Nuclear Services  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President of Operations - Mid-West  
Boiling Water Reactors  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President - Licensing and  
Regulatory Affairs  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Manager Licensing - Dresden, Quad Cities,  
and Clinton  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Regulatory Assurance Manager - Clinton  
AmerGen Energy Company, LLC  
Clinton Power Station  
RR3, Box 228  
Clinton, IL 61727-9351

Director - Licensing and Regulatory Affairs  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Document Control Desk-Licensing  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Site Vice President - Clinton Power Station  
AmerGen Energy Company, LLC  
Clinton Power Station  
RR 3, Box 228  
Clinton, IL 61727-9351

Clinton Power Station Plant Manager  
AmerGen Energy Company, LLC  
Clinton Power Station  
RR 3, Box 228  
Clinton, IL 61727-9351

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

Chief Operating Officer  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

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

Associate General Counsel  
AmerGen Energy Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

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

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

Clinton Power Station, Unit 1

- 2 -

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

Illinois Emergency Management  
Agency  
Division of Disaster Assistance &  
Preparedness  
110 East Adams Street  
Springfield, IL 62701-1109

REQUEST FOR ADDITIONAL INFORMATION

CLINTON POWER STATION, UNIT 1

DOCKET NO. 05000-461

1. During an extended inverter allowed outage time (AOT), the instrument bus would be powered from the constant voltage transformer. In the event of loss of offsite power (LOOP), the power supply to the instrumentation bus would be dependent upon the emergency diesel generator. As a result, entry into extended AOT concurrent with an EDG routine maintenance could have an impact on plant safety leaving the instrument bus without power. In addition, an entry into the extended inverter AOT, concurrent with planned maintenance on another reactor protection system (RPS)/engineered safety feature actuation system (ESFAS) channel, could potentially result in that channel being in a tripped condition. Provide compensatory measures that would be taken before and during the time the instrument bus inverter is removed for an extended outage. For any compensatory measure proposed, identify how these actions will be documented and controlled at the facility.
  
2. As stated in Regulatory Guide (RG) 1.177, "An Approach for Plant-Specific, Risk-Informed Decision Making Technical Specifications," a Technical Specification (TS) change may be requested to reduce the unnecessary burdens in complying with current TS requirements, based on operating history of the plant or industry in general. Please provide maintenance (e.g., time to repair) and operating (e.g., constant voltage transformer and inverter failure rates) data for the extended outage.

ENCLOSURE