

August 23, 2002

Mr. John L. Skolds, President  
and Chief Nuclear Officer  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - SITE VISIT TO  
ADDRESS ISSUES RELATED TO AMENDMENT APPLICATION OF APRIL 26,  
2002 (TAC NO. MB4960)

Dear Mr. Skolds:

The Nuclear Regulatory Commission (NRC) staff is reviewing the subject application for amendment whereby AmerGen proposed to incorporate the Boiling Water Reactor Owners Group stability Option II solution methodology to ensure that coupled neutronic/thermal-hydraulic instabilities are detected and suppressed. As part of its review, the NRC staff needs to perform a site review which would include viewing of onsite documents, and discussion with your personnel who are familiar with the proposed action. As agreed with Mr. David Distel of your staff, the site review is scheduled to take place on August 29, 2002. Participants of the site review are Messrs. Tai Huang, Christopher Graham, and Jose March-Leuba (NRC contractor from Oak Ridge National Laboratory). The issues to be addressed in the site review are set forth in the enclosure.

Mr. Huang will contact Mr. Distel to arrange for the logistics of this site review. If you need clarification, please feel free to contact me at 301-415-1451.

Sincerely,

**/RA/**

Peter S. Tam, Senior Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-219

Enclosure: As stated

cc w/encl: See next page

August 23, 2002

Mr. John L. Skolds, President  
and Chief Nuclear Officer  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - SITE VISIT TO  
ADDRESS ISSUES RELATED TO AMENDMENT APPLICATION OF APRIL 26,  
2002 (TAC NO. MB4960)

Dear Mr. Skolds:

The Nuclear Regulatory Commission (NRC) staff is reviewing the subject application for amendment whereby AmerGen proposed to incorporate the Boiling Water Reactor Owners Group stability Option II solution methodology to ensure that coupled neutronic/thermal-hydraulic instabilities are detected and suppressed. As part of its review, the NRC staff needs to perform a site review which would include viewing of onsite documents, and discussion with your personnel who are familiar with the proposed action. As agreed with Mr. David Distel of your staff, the site review is scheduled to take place on August 29, 2002. Participants of the site review are Messrs. Tai Huang, Christopher Graham, and Jose March-Leuba (NRC contractor from Oak Ridge National Laboratory). The issues to be addressed in the site review are set forth in the enclosure.

Mr. Huang will contact Mr. Distel to arrange for the logistics of this site review. If you need clarification, please feel free to contact me at 301-415-1451.

Sincerely,

**/RA/**

Peter S. Tam, Senior Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-219  
Enclosure: As stated  
cc w/encl: See next page

DISTRIBUTION:

PUBLIC	S. Little	B. Platchek, RGI
PDI-1 Reading File	R. Laufer	P. Tam
T. Huang	S. Richards	S. Little
C. Graham	S. Athavale	E. Marinos
R. Caruso		

Accession Number: **ML022350168**

OFFICE	PDI-1/PM	PDI-1/LA	SRXB/SC	EEIB/SC	PDI-1/SC
NAME	PTam	SLittle	RCaruso	EMarinos*	RLaufer
DATE	8/22/02	8/23/02	8/22/02	8/21/02	8/23/02

OFFICIAL RECORD COPY

\*Concurred by phone

OYSTER CREEK NUCLEAR GENERATING STATION

AMENDMENT APPLICATION DATED APRIL 26, 2002

NRC STAFF SITE REVIEW ISSUES

- (1) An overview of Long Term Solution (LTS) implementation: where Oyster Creek is now, what has Oyster Creek implemented in the past, dates of implementation.
- (2) An explanation of AmerGen's past experience with LTS implementation at Oyster Creek: any problems/issues with the Interim Corrective Actions, any problems/issues with the original Solution II implementation.
- (3) The steps involved in the new "Generic" Solution II implementation, including at least the following items:
  - a. Rationale for change
  - b. Differences between the old and new "Generic" Solution II
  - c. Implementation steps
  - d. Justification that Solution II applies to Oyster Creek
  - e. Supporting calculations
  - f. Testing requirements
  - g. Schedule for full implementation
- (4) The impact on implementation of the 10 CFR Part 21 issue of the Generic DIVOM curve. Which DIVOM curve was used for the Oyster Creek analyses?
- (5) Hardware changes, including at least the following items:
  - a. Rationale for change
  - b. Implementation steps
  - c. Initial testing – How long? Under what conditions?
  - d. Long-term testing implications
  - e. Schedule for implementation
  - f. The issue of spares – How many in hand? Long-term supplier?
- (6) Does the current LTS implementation include any upgrade to the plant computer software? Any significant impact on operator training?

Enclosure

Oyster Creek Nuclear Generating Station  
cc:

Chief Operating Officer  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Senior Vice President - Nuclear Services  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

Vice President - Mid-Atlantic Operations  
Support  
Exelon Generation Company, LLC  
200 Exelon Way, KSA 3-N  
Kennett Square, PA 19348

Senior Vice President -  
Mid Atlantic Regional Operating Group  
Exelon Generation Company, LLC  
200 Exelon Way, KSA 3-N  
Kennett Square, PA 19348

Kevin P. Gallen, Esquire  
Morgan, Lewis, & Bockius LLP  
1800 M Street, NW  
Washington, DC 20036-5869

Kent Tosch, Chief  
New Jersey Department of  
Environmental Protection  
Bureau of Nuclear Engineering  
CN 415  
Trenton, NJ 08625

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

Site Vice President  
Oyster Creek Nuclear Generating Station  
AmerGen Energy Company, LLC  
PO Box 388  
Forked River, NJ 08731

H. J. Miller  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Mayor of Lacey Township  
818 West Lacey Road  
Forked River, NJ 08731

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 445  
Forked River, NJ 08731

Director - Licensing  
Exelon Generation Company, LLC  
Correspondence Control Desk  
P.O. Box 160  
Kennett Square, PA 19348

Oyster Creek Generating Station Plant  
Manager  
AmerGen Energy Company, LLC  
P.O. Box 388  
Forked River, NJ 08731

Regulatory Assurance Manager  
Oyster Creek Nuclear Generating Station  
AmerGen Energy Company, LLC  
P.O. Box 388  
Forked River, NJ 08731

Vice President, General Counsel and  
Secretary  
Exelon Generation Company, LLC  
300 Exelon Way  
Kennett Square, PA 19348

J. Rogge, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406-1415

Manager Licensing - Oyster Creek and  
Three Mile Island  
Exelon Generation Company, LLC  
Nuclear Group Headquarters  
Correspondence Control  
P.O. Box 160  
Kennett Square, PA 19348

Correspondence Control Desk  
Exelon Generation Company, LLC  
200 Exelon Way, KSA 1-N-1  
Kennett Square, PA 19348