

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