

June 17, 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 - REQUEST FOR
ADDITIONAL INFORMATION ON YOUR APRIL 26, 2002, APPLICATION FOR
AMENDMENT (TAC NO. MB4960)

Dear Mr. Skolds:

The Nuclear Regulatory Commission (NRC) staff is reviewing the subject application for amendment whereby AmerGen propose to incorporate the Boiling Water Reactor Owner's Group stability Option II solution methodology to assure that coupled neutronic/thermal-hydraulic instabilities are detected and suppressed. The NRC staff held a telephone conference with your staff on May 30, 2002, to discuss issues previously transmitted by e-mail, and is available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML021370220. Subsequent to the conference, the NRC staff transmitted by e-mail a draft request for additional information (RAI) (Accession No. ML021630120). Enclosed is the formal RAI.

We request that you respond no later than July 31, 2002, in order for the NRC staff to issue the requested amendment by September 30, 2002. If you need clarification of the RAI, please call 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

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*Please see previous concurrence

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REQUEST FOR ADDITIONAL INFORMATION

OYSTER CREEK NUCLEAR GENERATING STATION

APPLICATION FOR AMENDMENT DATED APRIL 26, 2002

1. Please identify the manufacturer, model of the digital flow control trip reference (FCTR) cards, and the vendor documentation that is available for the cards.
2. Enclosure 1 of your application states that "New Digital FCTR cards are being installed under 10 CFR 50.59....." Please provide the 10 CFR 50.59 screening report and evaluation for the FCTR cards.
3. Please identify the process used to ensure that procured digital FCTR cards under 10 CFR 50.59 are similar in design, specification and functionality as those for the product line previously approved by the NRC staff. If modifications have been made by the vendor or AmerGen, please provide the details of the changes.
4. Please provide the environmental "qualification parameters" (mentioned in Enclosure 1, page 8) that the FCTR cards are being designed to.
5. Please confirm: (1) for your plant-specific location, electromagnetic interference (EMI) and radio frequency interference (RFI) susceptibility qualification of the new digital FCTR cards was determined based on guidance of Electric Power Research Institute Report TR-102323, and (2) the new digital hardware will not become a source of conducted and/or radiated EMI and RFI for other safety-related circuits.
6. Please provide any reports or evaluation of the "burn-in process" mentioned in Enclosure 1, page 8 for the digital FCTR cards.
7. Please provide any reports or evaluations for the "shakedown period" that occurred at the end of cycle 18 for the digital FCTR cards.
8. Please report on any failures or abnormal operation of the FCTR cards during the burn-in or shakedown process. Provide proposed or performed plant-specific changes that have or are planned to occur as a result of the burn-in and shakedown process.
9. If your in-house setpoint calculation methodology was previously approved by the NRC, please cite the approval document. If your methodology was not previously reviewed and approved by the NRC, please confirm that it is based on NRC-approved Industry standards, and meets the 95/95 confidence level requirement.

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