

April 11, 2002

Mr. Oliver D. Kingsley, President
and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - TRANSMITTAL OF
VERSION 6.71 OF SAPHIRE COMPUTER CODE (TAC NO. MA7450)

Dear Mr. Kingsley:

Enclosed are two compact disks (Enclosure 1) containing Version 6.71 of the SAPHIRE ("System Analysis Programs for Hands-on Integrated Reliability Evaluations") code and a SAPHIRE version of the Oyster Creek Nuclear Generating Station Probabilistic Risk Assessment (PRA) database, that GPU Nuclear, Inc. (the previous licensee) gave the Nuclear Regulatory Commission (NRC) to be included in its "SAPHIRE Library" of PRA models in support of risk-informed regulatory activities (GPU Nuclear Corporation, et al., "Oyster Creek Probabilistic Risk Assessment (Level 1)," November 1991). Enclosure 2 is a hard copy of a letter report pertaining to this database, dated March 20, 1995. The NRC has been using SAPHIRE code and plant-specific PRA models to address a variety of issues, such as the resolution of generic issues, the development of guidance for risk-informed regulation, and the investigation of "what if" questions.

The Oyster Creek PRA database went through an Idaho National Engineering and Environmental Laboratory (INEEL) in-house review. However, because it may be out of date, it should be used with caution and in accordance with any statements that may be displayed upon opening, and with cautions and directions provided in the database letter report included in the disk. Questions about the SAPHIRE model and software should be directed to Ms. Erasmia Lois at NRC (301-415-6560, ex11@nrc.gov) or to Mr. Michael Calley, INEEL (208-526-9230, mbc2@inel.gov).

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

Enclosures: As stated

cc w/o encls: See next page

April 11, 2002

Mr. Oliver D. Kingsley, President
and Chief Nuclear Officer
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: OYSTER CREEK NUCLEAR GENERATING STATION - TRANSMITTAL OF
VERSION 6.71 OF SAPHIRE COMPUTER CODE (TAC NO. MA7450)

Dear Mr. Kingsley:

Enclosed are two compact disks (Enclosure 1) containing Version 6.71 of the SAPHIRE ("System Analysis Programs for Hands-on Integrated Reliability Evaluations") code and a SAPHIRE version of the Oyster Creek Nuclear Generating Station Probabilistic Risk Assessment (PRA) database, that GPU Nuclear, Inc. (the previous licensee) gave the Nuclear Regulatory Commission (NRC) to be included in its "SAPHIRE Library" of PRA models in support of risk-informed regulatory activities (GPU Nuclear Corporation, et al., "Oyster Creek Probabilistic Risk Assessment (Level 1)," November 1991). Enclosure 2 is a hard copy of a letter report pertaining to this database, dated March 20, 1995. The NRC has been using SAPHIRE code and plant-specific PRA models to address a variety of issues, such as the resolution of generic issues, the development of guidance for risk-informed regulation, and the investigation of "what if" questions.

The Oyster Creek PRA database went through an Idaho National Engineering and Environmental Laboratory (INEEL) in-house review. However, because it may be out of date, it should be used with caution and in accordance with any statements that may be displayed upon opening, and with cautions and directions provided in the database letter report included in the disk. Questions about the SAPHIRE model and software should be directed to Ms. Erasmia Lois at NRC (301-415-6560, ex11@nrc.gov) or to Mr. Michael Calley, INEEL (208-526-9230, mbc2@inel.gov).

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

Enclosures: As stated

cc w/o encls: See next page

DISTRIBUTION:

PUBLIC PTam ACRS PD1-1 R/F
SLittle ELois RLaufer OGC JRogge, RI

Package: ML013340136

ACCESSION NO: ML013190139

Enclosure 2: ML021050017

OFFICE	PDI-1/PM	PDI-1/LA	RES	PDI/SC
NAME	PTam	SLittle	ELois	RLaufer
DATE	4/10/02	4/10/02	4/11/02	4/11/02

OFFICIAL RECORD COPY

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