

August 23, 2002

LICENSEE: Exelon Generation Company, LLC (Exelon)

FACILITY: Peach Bottom Atomic Power Station, Units 2 and 3

SUBJECT: TELECOMMUNICATION WITH EXELON GENERATING COMPANY TO CLARIFY THE RESPONSE TO A REQUEST FOR ADDITIONAL INFORMATION PERTAINING TO SECTION 2.3.2 ENGINEERING SAFETY FEATURES SYSTEMS OF THE PEACH BOTTOM LICENSE RENEWAL APPLICATION

On August 5, 2002, a conference call was conducted between the Nuclear Regulatory Commission (NRC) staff (hereafter referred to as "the staff") and representatives of Exelon Generating Company (hereafter referred to as "the applicant") to clarify how environmental qualification (EQ) analysis of the high pressure coolant injection (HPCI) and reactor core isolation cooling (RCIC) pump rooms were conducted for the HPCI/RCIC room cooling coils that are required to maintain the operability of the HPCI/RCIC system during postulated design basis accidents. The staff noticed that the heat transfer function is not identified as the aging effect in Tables 2.3.2-1 and 2.3.2-4 of Section 2.3.2 of the license renewal application for the HPCI pump room cooling coils and the RCIC pump room cooling coils, respectively. The information discussed and the applicant's response are provided below. A list of participants of the August 5, 2002, conference call is enclosed.

The applicant referred the above question to a teleconference conducted on December 26, 2001, regarding the staff's request for additional information, 3.2.4.2.1-3, where the staff asked a similar question for RCIC (analogous to HPCI) pump room cooling coils. The applicant's response was that the cooling function of the RCIC room cooler is not required for RCIC system operability. The cooling coils are only required to maintain pressure boundary integrity of the emergency service water system. Thus, the applicant clarified that the heat transfer function for the cooling coils was not identified as an intended function. In response to the staff's EQ question, the applicant further clarified that the electrical, instrumentation, and control equipment in the RCIC and HPCI rooms, that needed to be protected against extreme environmental conditions, were relocated outside of the room. Therefore, the applicant's EQ analysis of the HPCI/RCIC pump room determined that the HPCI/RCIC pump room cooling coils are not required to maintain the operability of the HPCI/RCIC system for the environmental conditions that were postulated to occur during design basis accidents for the plants.

The staff indicated that the applicant's response is adequate and no further action is required.

/RA/

Peter J. Kang, Reactor Systems Engineer
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure: As stated

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The staff indicated that the applicant's response is adequate and no further action is required.

/RA/

Peter J. Kang, Reactor Systems Engineer
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosure: As stated

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RLEP RF

P. Kang

E-MAIL:

PUBLIC

J. Johnson

W. Borchardt

D. Matthews

F. Gillespie

RidsNrrDe

R. Barrett

E. Imbro

G. Bagchi

K. Manoly

W. Bateman

J. Calvo

C. Holden

P. Shemanski

H. Nieh

G. Holahan

H. Walker

S. Black

B. Boger

D. Thatcher

G. Galletti

C. Li

J. Moore

R. Weisman

M. Mayfield

A. Murphy

W. McDowell

S. Droggitis

T. Kobetz

C. Munson

RLEP Staff

TELECOMMUNICATION PARTICIPANTS

NRC STAFF

Ralph Caruso
Muhammad Razzaque
Paul Shemanski
Peter J. Kang

EXELON

Jerry Phillabaum
Kevin Muggleston

Enclosure

Peach Bottom Atomic Power Station, Units 2 and 3

cc:

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

Site Vice President
Peach Bottom Atomic Power Station
Exelon Generation Company, LLC
1848 Lay Road
Delta, PA 17314

Plant Manager
Peach Bottom Atomic Power Station
Exelon Generation Company, LLC
1848 Lay Road
Delta, PA 17314

Regulatory Assurance Manager
Peach Bottom Atomic Power Station
Exelon Generation Company, LLC
1848 Lay Road
Delta, PA 17314

Resident Inspector
U.S. Nuclear Regulatory Commission
Peach Bottom Atomic Power Station
P.O. Box 399
Delta, PA 17314

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Roland Fletcher
Department of Environment
Radiological Health Program
2400 Broening Highway
Baltimore, MD 21224

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

Rich Janati, Chief
Division of Nuclear Safety
Bureau of Radiation Protection
Department of Environmental Protection
Rachel Carson State Office Building
P.O. Box 8469
Harrisburg, PA 17105-8469

Board of Supervisors
Peach Bottom Township
545 Broad Street Ext.
Delta, PA 17314-9203

Mr. Richard McLean
Power Plant and Environmental
Review Division
Department of Natural Resources
B-3, Tawes State Office Building
Annapolis, MD 21401

Dr. Judith Johnsrud
National Energy Committee
Sierra Club
433 Orlando Avenue
State College, PA 16803

Manager-Financial Control & Co-Owner
Affairs
Public Service Electric and Gas Company
P.O. Box 236
Hancocks Bridge, NJ 08038-0236

Manager Licensing-Limerick and Peach
Bottom
Exelon Generation Company, LLC
Nuclear Group Headquarters
Correspondence Control
P.O. Box 160
Kennett Square, PA 19348

Mr. Alan P. Nelson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708
APN@NEI.ORG

Peach Bottom Atomic Power Station, Units 2 and 3

cc:

Director - Licensing
Mid-Atlantic Regional Operating Group
Exelon Generation Company, LLC
Nuclear Group Headquarters
Correspondence Control
P.O. Box 160
Kennett Square, PA 19348

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

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

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

Manager License Renewal
Exelon Generation Company, LLC
200 Exelon Way
Kennett Square, PA 19348

Mr. Oliver D. Kingsley, President
Exelon Nuclear
Exelon Generation Company, LLC
200 Exelon Way, KSA 3-E
Kennett Square, PA 19348

Public Service Commission of Maryland
Engineering Division
Chief Engineer
6 St. Paul Center
Baltimore, MD 21202-6806

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