September 24, 2002

LICENSEE : Exelon Corporation

FACILITIES: Peach Bottom, Units 2 and 3

SUBJECT: TELECOMMUNICATIONS WITH EXELON CORPORATION TO DISCUSS MATTERS RELATED TO THE NRC STAFF REVIEW OF THE PEACH BOTTOM LICENSE RENEWAL APPLICATION

In preparing the safety evaluation report on the Peach Bottom license renewal application (LRA) the staff identified the need for additional clarification regarding several aging management activities described in the LRA. Between July 23 and September 6, 2002, the staff held several conference calls with the applicant to gain the additional information. A list of participants is included in Enclosure 1. The following is a summary of the information discussed during the calls.

On July 23, 2002, the staff held a conference call with the applicant to ask if the effects of the power uprate, which involved increasing the maximum allowed operating power level (a separate licensing action currently under NRC review) were considered during its evaluation of the time limited aging analysis or that the analysis results are bounding for the higher power level. The staff asked this question because a higher power level may result in higher reactor coolant temperatures, increased reactor coolant flow, and/or increased neutron fluence. The applicant stated that the effects of the power uprate were considered. The staff requests that the applicant confirm this information in writing.

On August 19, 2002, the staff asked for additional information regarding inspection activities for the emergency diesel generator fire pump and high pressure coolant injection pump flexible hoses described in LRA Sections B.2.9 and B.2.10. On August 21, 2002, the applicant responded that the emergency diesel generator fire pump and high pressure coolant injection pump flexible hoses were made of an elastomer and stainless steel, respectively. On September 5, 2002, in an electronic mail (Enclosure 2), the staff asked the applicant what environment the HPCI stainless steel hoses were subject to. In a call and electronic mail on September 6, 2002, the applicant stated that the stainless steel flexible hose was a gland seal bleed-off line subject to a wetted gas internal environment and a sheltered air external environment and, therefore, did not require aging management (Enclosure 2). The staff requests that the applicant confirm this information in writing.

On September 5, 2002, the staff asked the applicant how they intended to manage aging for fuse holders. The applicant stated that they will include fuse holders in the scope of a proposed aging management program, non-EQ accessible cable aging management activity (described in Section B.3.3 of the Peach Bottom LRA), and that this aging management program will manage the aging effects for fuse connectors, splices, and terminal blocks, as well as fuse holders. The staff requests that the applicant confirm this information in writing.

The above items are confirmatory items in the safety evaluation report for the Peach Bottom LRA issued on September 13, 2002 (Adams Accession Number ML022590468).

/***RA***

David L. Solorio, Senior Project Manager
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosures: As stated

cc w/enclosures: See next page

The above items are confirmatory items in the safety evaluation report for the Peach Bottom LRA issued on September 13, 2002 (ADAMS Accession Number ML022590468).

/***RA***

David L. Solorio, Senior Project Manager
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos. 50-277 and 50-278

Enclosures: As stated

cc w/enclosures: See next page

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| OFFICE | LA:DRIP/RLEP | PM:RLEP:DRIP | SC:RLEP:DRIP |
|---|---|---|---|
| NAME | H Berilla | D Solorio | S Lee |
| DATE | 09/23/02 | 09/23/02 | 09/24/02 |

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DISTRIBUTION: Summary of Telecommunication with Exelon, Dated: September 24, 2002

**HARD COPY**
RLEP RF
D. Solorio

**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. Smith (srs3)
T. Kobetz
C. Munson
RLEP Staff
---

J. Boska
D. Lew
M. Modes

**TELECOMMUNICATION PARTICIPANTS**

**July 23, 2002**

**NRC Staff Participants**
Barry Elliot
Raj Anand
David Solorio

**Exelon Corporation Participants**
Jerry Phillabaum

**August 19 and 21, 2002**

**NRC Staff Participants**
Jai Rajan
David Solorio

**Exelon Corporation Participants**
Jerry Phillabaum

**September 5, 2002**

**NRC Staff Participants**
Peter Kang

**Exelon Corporation Participants**
Jerry Phillabaum

**September 6, 2002**

**NRC Staff Participants**
David Solorio

**Exelon Corporation Participants**
Jerry Phillabaum

**From:** "Phillabaum, Jerry L." <jerry.phillabaum@exeloncorp.com>
**To:** "'David Solorio'" <DLS2@nrc.gov>
**Date:** 9/6/02 3:10PM
**Subject:** HPCI and RCIC question

On the call, we discussed the elastomer flexible hose shelf life for applications on the emergency diesel generators and diesel driven fire pump in addition to the HPCI application. The EDG hoses carry fuel oil and lubricating oil while the diesel driven fire pump hose carries fuel oil only.

The HPCI flexible hose are turbine gland seal leak off hoses.

-----Original Message-----
From: David Solorio [mailto:DLS2@nrc.gov]
Sent: Friday, September 06, 2002 2:51 PM
To: jerry.phillabaum@exeloncorp.com
Subject: RE: FW: HPCI and RCIC question

Hi,

got it.

I thought I remember you guys telling me on the call that it had lube oil running though it. How is it now that it has a wetted GAS? So it must be suppling the steam to the turbine and not supplying oil to the bearings?

Thanks
dave

**From:** "Phillabaum, Jerry L." <jerry.phillabaum@exeloncorp.com>
**To:** "'David Solorio'" <DLS2@nrc.gov>
**Date:** 9/6/02 2:22PM
**Subject:** HPCI and RCIC question

Dave,
Here is the information so that a call may be unnecessary. First, the flexible hose is on HPCI and not on RCIC. Next, our LRA is in error in that the material for the HPCI flex hose is stainless steel and not an elastomer of neoprene and rubber and the environment is wetted gas and not lubricating oil. For this stainless steel flexible hose in a wetted gas environment, there are no aging effects. Hence, an activity to manage aging is not required and the HPCI flexible stainless steel hose will not be inspected to detect aging effects.

-----Original Message-----
From: David Solorio [mailto:DLS2@nrc.gov]
Sent: Thursday, September 05, 2002 2:15 PM
To: jerry.phillabaum@exeloncorp.com
Subject: HPCI and RCIC question

HI,

in talking w/ reviewer about the RCIC stainless steel hose about converting it to a CI based on what you told us during the conf call he brought up that he needs to know like you told him in a RAI response for the flexible DG hoses what kind of inspection you do. Also he asked about if another aging effect needs to be identified for the stainless steel hose (he thinks he know what it should be but wants to hear from you guys).

if this is the kind of info you think you can provide by telecon next Monday say, then we will have a call. If not, we will discuss Monday.

dave

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