



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PA 19406-1415

September 1, 2010

Docket No. 05000171

License No. DPR-12

Mr. Michael J. Pacilio  
Senior Vice President, Exelon Generating Company, LLC  
President and Chief Nuclear Officer, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: PEACH BOTTOM ATOMIC POWER STATION, UNIT 1 - NRC INSPECTION  
REPORT NO. 05000171/2010007

Dear Mr. Pacilio:

On August 9-12, 2010, Laurie Kauffman of this office conducted a safety inspection at the Peach Bottom Atomic Power Station, Unit 1, Delta, Pennsylvania of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selective examination of representative records. The findings of the inspection were discussed with Garey L. Stathes of your organization at the conclusion of the inspection.

Within the scope of this inspection, no violations were identified.

In accordance with 10 CFR Part 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electric Reading Room).

M. Pacilio

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No reply to this letter is required. Please contact Laurie Kauffman at (610) 337-5323 or [Laurie.Kauffman@nrc.gov](mailto:Laurie.Kauffman@nrc.gov) if you have any questions regarding this matter.

Sincerely,



*For* Judith A. Joustra, Chief  
Decommissioning Branch  
Division of Nuclear Materials Safety

Enclosure:  
Inspection Report No. 05000171/2010007  
w/ Attachment: Supplemental Information

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Commonwealth of Pennsylvania

M. Pacilio

No reply to this letter is required. Please contact Laurie Kauffman at (610) 337-5323 or [Laurie.Kauffman@nrc.gov](mailto:Laurie.Kauffman@nrc.gov) if you have any questions regarding this matter.

Sincerely,

**Original signed by Mark Roberts For**

Judith A. Joustra, Chief  
Decommissioning Branch  
Division of Nuclear Materials Safety

Enclosure:  
Inspection Report No. 05000171/2010007  
w/ Attachment: Supplemental Information

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**SUNSI Review Complete:** LKauffman

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