

Legal Department

Exelon Business Services Company
2301 Market Street/S23-1
P.O. Box 8699
Philadelphia, PA 19101-8699

Telephone 215.841.4000
Fax 215.568.3389
www.exeloncorp.com

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OCT 20 2010

Direct Dial: 215.841.6863

October 20, 2010

Via FedEx

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, Second Floor
Harrisburg, PA 17120

Re: Letter of Notification of PECO Energy Company Pursuant to 52 Pa. Code Chapter 57 Subchapter G With Respect to the Reconductoring and Reconfiguration of the Island Road-Penrose-Grays Ferry 230 kV Transmission Line, Docket No. A-_____

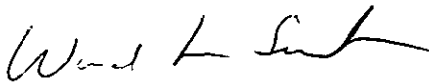
Dear Ms. Chiavetta:

Enclosed for filing with the Commission are an original and six copies of the Letter of Notification of PECO Energy Company pursuant to 52 Pa. Code Chapter 57 Subchapter G With Respect to the Reconductoring and Reconfiguration of the Island Road – Penrose – Grays Ferry 230 kV Transmission Line. Also enclosed is an extra copy of this letter, which I request that you date stamp and return to me in the envelope provided as proof of filing.

Based on prior practice, it is PECO's understanding that a Letter of Notification does not require a filing fee.

Please contact me if you have any questions.

Very truly yours,



Ward L. Smith
Counsel for PECO Energy Company

WLS/zr

Enc.

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Letter of Notification of PECO Energy :
Company Pursuant to 52 Pa. Code :
Chapter 57 Subchapter G With Respect : **Docket No. A-_____**
to the Reconfiguration of the Island :
Road – Penrose – Grays Ferry 230 kV :
Transmission Line :

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LETTER OF NOTIFICATION

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

I. INTRODUCTION AND OVERVIEW

1. This Letter of Notification is filed pursuant to 52 Pa. Code §57.72(d)(1)(iii) (v) and (vi) to request the approval of the Pennsylvania Public Utility Commission (“Commission”) to reconductor and reconstruct, build and modify, entirely on the property of PECO and the sole customer to be served, approximately one-half (1/2) mile of 230kV transmission line located in the City of Philadelphia. As more fully described hereafter, this transmission line work is necessary to provide expanded electric service to the Sunoco Refinery located in the City of Philadelphia. Subject to the Commission’s siting approval, construction of the proposed transmission line modifications described herein is scheduled to begin in January 2011. This Letter of Notification and the accompanying Exhibits, which are incorporated herein by reference, contain all of the information required by 52 Pa. Code § 57.72(d)(4) for the siting approval requested herein.

II. THE APPLICANT AND ITS ATTORNEY(S)
(52 Pa. Code § 52.72(c)(1) and (2))

2. The applicant is PECO Energy Company (“PECO” or the “Company”), 2301 Market Street, Philadelphia, Pennsylvania 19101. PECO is a public utility that supplies light, heat and power to the public, by means of electricity, in all or portions of five counties in southeastern Pennsylvania. PECO is a “public utility” and an Electric Distribution Company (“EDC”), as those terms are defined in Sections 102 and 2803 of the Public Utility Code (66 Pa. C.S. §§102 and 2803), and it is subject to the regulatory jurisdiction of the Commission.

3. PECO’s attorney is:

Ward L. Smith
Assistant General Counsel
Exelon Business Services Company
2301 Market Street, S23-1
Philadelphia, PA 19101
215 841-6863
ward.smith@exeloncorp.com

PECO’s attorney is authorized to receive all notices and communications regarding this Letter of Notification.

III. THE NEED FOR THE PROPOSED TRANSMISSION
LINE MODIFICATIONS
52 Pa. Code § 52.72 (c)(5)

4. PECO provides electric distribution service to customers, including the Sunoco Refinery, in the City of Philadelphia. Electric load at Sunoco Refinery and in surrounding areas in West and South Philadelphia has grown over recent years, and is expected to continue to grow

in the future. To assist in serving this increasing load, PECO is constructing a new 230-13 kV substation within the confines of the Sunoco Refinery, to be known as the Penrose Substation.¹ The Penrose Substation will primarily be comprised of two 62 MVA transformers, taking power at 230 kV from the existing transmission line that transverses the location and transforming it to 13 kV. An aerial photograph showing the location of the existing facilities just described and the location of the Penrose Substation in relation to those facilities is attached to this Letter as Exhibit A. The Penrose Substation will be used solely to provide service to the Sunoco Refinery, although PECO has retained the right to serve other customers from the substation if future conditions warrant such use.

5. The purpose of the transmission line work that is the subject of this Letter is to electrically connect the Penrose Substation to the existing transmission grid. Doing so requires construction or reconfiguration of approximately ½ mile of transmission facilities, all located on Sunoco property or PECO property, most within the fenceline of the Sunoco Refinery.

IV. GENERAL DESCRIPTION OF THE LINE MODIFICATIONS

52 Pa. Code § 52.72 (c)(3)

6. The general line modification needed for this project is to construct approximately ½ mile of new transmission facilities immediately adjacent to a newly-constructed substation, to connect that substation to the existing transmission grid. The location of the transmission

¹ PECO is not seeking Commission approval for the construction of Penrose Substation. Pursuant to Section 619 of the Municipalities Planning Code, Commission approval is required only when a public utility building is being constructed and certain local zoning approvals have not been or cannot be obtained. For the Penrose Substation, PECO is working with the City of Philadelphia to obtain any necessary approvals.

construction is on or adjacent to a major oil refinery and a car crushing facility, and is separated from other locations by highway I-95. The location is obviously industrial in nature. The land over which the transmission facilities will be constructed is owned by either PECO or by Sunoco. An aerial photograph showing the location of the proposed new transmission facilities in relation to the old facilities and the property lines is attached as Exhibit B.

V. SAFETY CONSIDERATIONS
52 Pa. Code § 52.72 (c)(6)

7. The design criteria used for the transmission line work described herein is set forth in the PECO's standards for transmission line construction. These design criteria meet or exceed the requirements of the National Electrical Safety Code ("NESC"). Furthermore, PECO will construct, operate and maintain the transmission facilities in a manner that satisfies or surpasses NESC standards. The proposed project will not create an unreasonable risk of danger to the public health or safety.

8. PECO has generally evaluated the electric and magnetic fields associated with this project, but has not conducted computer modeling of the fields. The subject transmission facilities will be located in an industrial area, within or immediately adjacent to the fenceline of a major oil refinery, on land owned by PECO or the refinery owner. The land is currently traversed by an existing 230 kV transmission line; the subject transmission facilities will connect the existing transmission line to the newly-constructed substation. For these reasons, PECO does not expect changes to the public's magnetic field environment at this location.

VI. SITING AND ENVIRONMENTAL AND LAND USE IMPACTS

9. The functional requirements of the project allow PECO to build in an industrial area on land owned by it or Sunoco. This transmission line work will take place on or immediately adjacent to an existing transmission line right-of-way, which has been used as a power line corridor for many years, and directly next to a newly constructed substation and a major oil refinery. Before it performs construction work, PECO will conduct an analysis of the presence/absence of wetlands for the project. Where wetlands are identified and access is required, they will be surveyed, marked in the field, and designated on drawings. Where access over wetlands is necessary to perform the construction work, PECO will utilize temporary mats or other approved or permitted methods to avoid damage. As a consequence of all of these factors, the transmission line modifications proposed for approval herein will create minimal new environmental and land use impacts.

10. No communications towers, pipelines or other utilities will be affected by the proposed transmission line modifications. One existing AT&T cell phone antenna will be removed from an existing transmission structure. PECO will work with AT&T on a new design and location for a replacement location for a new cell phone antenna, if needed. Because the project involves construction on or immediately adjacent to an existing transmission line corridor and major oil refinery, PECO has concluded that the proposed modifications will have no impact on any airports. However, PECO will perform all necessary notifications and obtain all necessary permits to comply with FAA and airport requirements.

11. The proposed transmission line modifications will have no significant environmental impacts. No unique geological, scenic or natural areas will be affected. All permits required for the construction and operation of this project will be obtained.

12. Because the project involves construction on or immediately adjacent to an existing transmission line corridor and within an industrial area, PECO has concluded that no historical or archeological sites will be affected.

VII. COMMENCEMENT AND IN-SERVICE DATES
52 Pa. Code § 52.72(d)(4)(ii)

13. This project has a needed in-service date of June 1, 2011 in order to be available to serve peak load in the summer of 2013. In order to meet this in-service date, PECO needs to commence construction in January 2011.

**VIII. THE SIZE, CHARACTER, DESIGN AND CONFIGURATION OF
THE TRANSMISSION LINE MODIFICATION WILL NOT
SUBSTANTIALLY ALTER THE RIGHTS-OF-WAY**
52 Pa. Code §52.72(d)(4)(iii)

14. This Letter of Notification is filed pursuant to 52 Pa. Code §57.72(d)(1)(i) and (v). As explained in Section IV, above: (1) this project is a reconfiguration and reconductoring of an existing transmission line; (2) the area in which these changes are being made is industrial and isolated by highway I-95 from other locations; (3) the work is being done in coordination with and partially on the land of Sunoco in order to be able to serve increasing load at the adjacent Sunoco Refinery, and (4) PECO does not expect changes to the public's magnetic field

environment at this location. Therefore, none of these modifications will substantially alter the rights-of-way on which the lines are located.

IX. FILING DATE AND PUC PROCEDURES
52 Pa. Code § 52.72(d)(4)(iv)

15. This Letter of Notification is being filed on the date shown next to the signature block below. As provided in 52 Pa. Code § 57.72(d)(5), the Commission will review and, by order, approve or disapprove this Letter of Notification. If the Commission approves this Letter of Notification, PECO will be approved to perform the proposed transmission line modifications as proposed herein without the formal application process set forth at 52 Pa. Code § 57.71 *et seq.* If the Commission does not approve this Letter of Notification, the Commission's Order shall direct PECO to file for approval to construct the proposed project pursuant to the Commission's certification regulations for a full application.

X. SERVICE AND PUBLICATION

16. Copies of the Letter of Notification or Notices of Filing of the Letter of Notification are being served in accordance with 52 Pa. Code § 57.72(d)(3), as evidenced by the Certificate of Service being filed along with this Letter of Notification. Because this project is less than ½ mile in length, in an industrial area, on the land of PECO or Sunoco, and isolated from other properties by highway I-95, PECO does not believe that additional public notice is necessary.

17. Prior to filing this Letter of Notification, PECO worked extensively with Sunoco regarding design, location, and construction needs for this project. Sunoco has been and continues to be fully integrated into the construction aspects of this project.

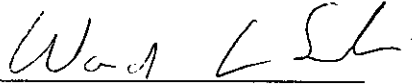
WHEREFORE, PECO Energy Company respectfully requests that the Commission approve the transmission line modifications as proposed and described herein and, for the reasons set forth above.

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Respectfully submitted,



Attorney for PECO Energy Company

Dated: October 20, 2010

**PECO Letter of Notification
Island Road – Penrose – Grays Ferry 230 kV Line**

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Exhibit A

Aerial Photograph Showing Location of Existing Facilities

**PECO Letter of Notification
Island Road – Penrose – Grays Ferry 230 kV Line**

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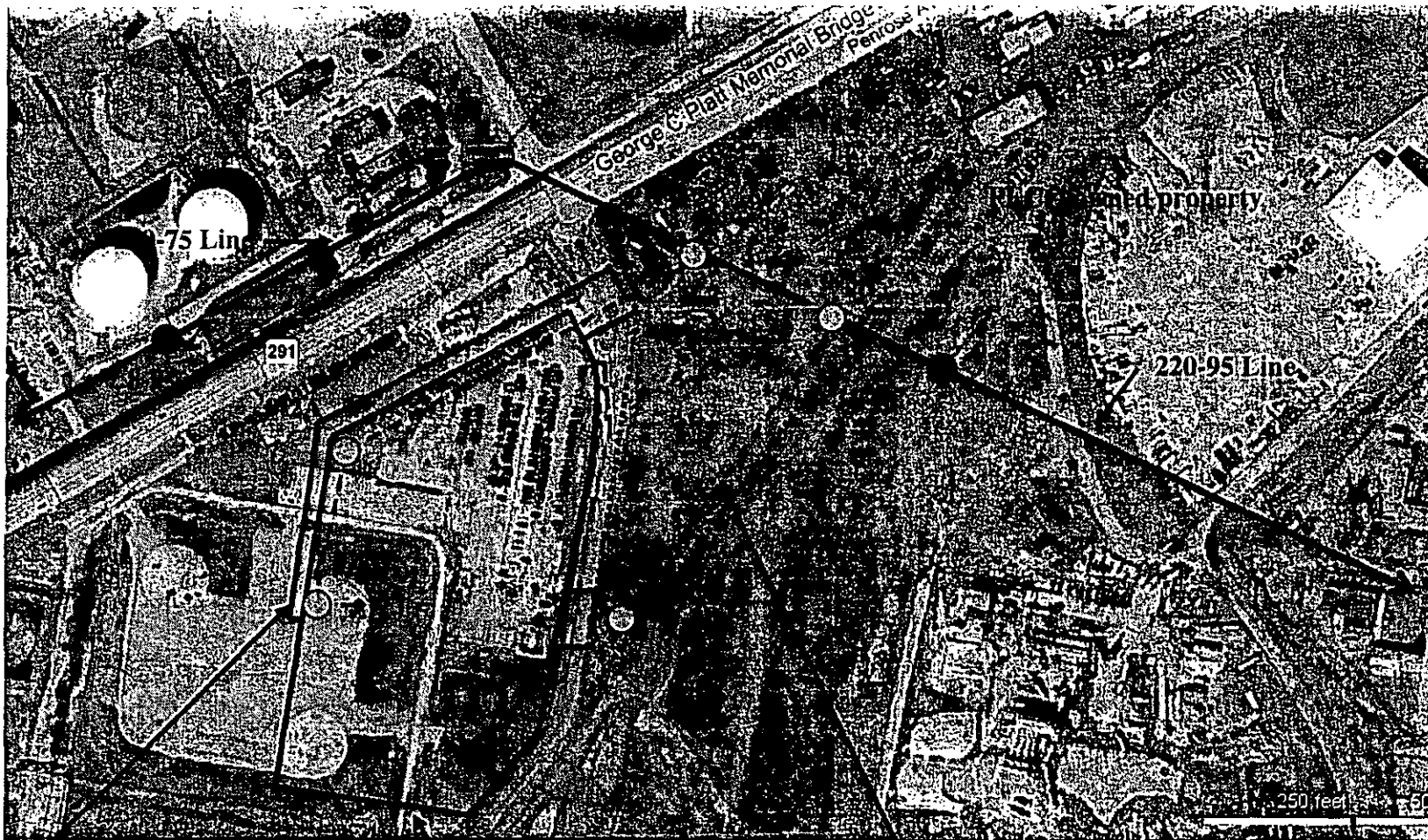
OCT 20 2010

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Exhibit B

Aerial Photograph Showing Location of New Facilities

Island Rd/Penrose/Grays Ferry 230kV Reconfiguration Detailed Site View



Additional transmission easement

Penrose Sub easement boundary

Reconfigured 220kV lines



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COMMONWEALTH OF PENNSYLVANIA)
:)
COUNTY OF PHILADELPHIA)

SS

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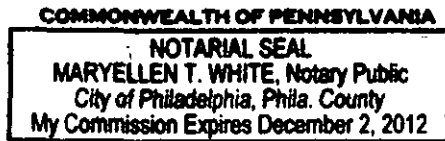
PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Richard G. Webster, being duly sworn according to law, deposes and says that he is Director, Rates & Regulatory Affairs of PECO Energy Company; that he is authorized to and does make this affidavit for it; and that the facts set forth above are true and correct to the best of his knowledge, information and belief and he expects PECO Energy Company to be able to prove the same at hearing hereof.

Richard G. Webster

Sworn to and subscribed
before me this 20th day
of October, 2010.

Maryellen T. White



**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Letter of Notification of PECO Energy
Company Pursuant to 52 Pa. Code
Chapter 57 Subchapter G With
Respect to the Reconductoring and
Reconfiguration of the Island Road --
Penrose – Grays Ferry 230 kV
Transmission Line**

Docket No. A-

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SECRETARY'S BUREAU

AFFIDAVIT OF SERVICE

I hereby certify and affirm that I have this day served a copy of the above-named Letter of Notification on the following persons in the manner specified:

Via Registered or Certified Mail, Return Receipt Requested

The Department of Environmental Resources
Attention: Bureau of Environmental Planning
Post Office Box 2357, 101 S. Second Street
Harrisburg, Pennsylvania 17120

The Secretary of the Department of Transportation
Room 1200 Transportation and Safety Building
Harrisburg, Pennsylvania 17120

The Chairman of the Historical and Museum Commission
Post Office Box 1026
Harrisburg, Pennsylvania 17120

Michael Fink, Deputy Commissioner, Licenses and Inspections
City of Philadelphia
Municipal Services Building
1420 Arch Street
Philadelphia, PA 19107

(Please distribute as needed to City of Philadelphia Land Use Planning Officer,
Chief Executive Officer, and governing body.)

Steve Gucciardi
Senior Project Manager
Sunoco Engineering Services
100 Green Street
Box 426
Marcus Hook, PA 19061

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Dated at Philadelphia, Pennsylvania, October 20, 2010



WARD L. SMITH
Counsel for PECO Energy Company

From: Origin ID: REDA (215) 841-5604
 Zulma Rodriguez
 Exelon
 2301 Market Street
 Suite 23-1
 Philadelphia, PA 19103



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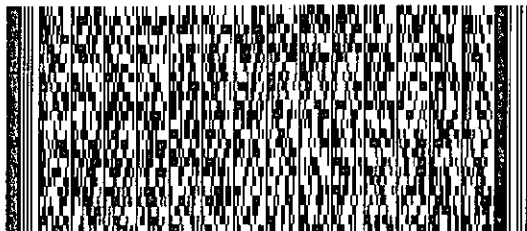
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 CAD: 100431162/NET3090

Delivery Address Bar Code



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 Dept #

SHIP TO: (717) 772-7777 **BILL SENDER**
Rosemary Chiavetta, Secretary
PA Public Utility Commission
400 NORTH ST
COMMONWEALTH KEYSTONE BLDG
HARRISBURG, PA 17120



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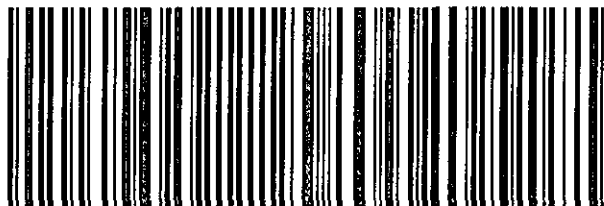
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