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OCT 7 2010

Direct Dial: 215.841.6863

October 7, 2010

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Via FedEx

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 Doe Run – Jennsville – Clay 230
kV Transmission Line (the “Clay Tap”), Docket No. A-_____**

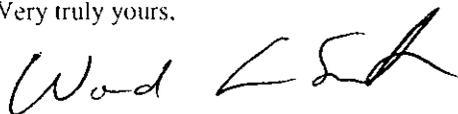
Dear Ms. Chiavetta:

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 Clay Tap 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 Reconductoring and :
Reconfiguration of the Doe Run -- :
Jennersville -- Clay 230 kV :
Transmission Line (the "Clay Tap") :

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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)(i) and (v) to request the approval of the Pennsylvania Public Utility Commission ("Commission") to reconductor and reconstruct, build and modify, entirely on existing right-of-way and fee-owned or easement land, approximately seven (7) miles of 230kV transmission line located in Penn, New London, Upper Oxford and Franklin Townships, Chester County. As more fully described hereafter, this transmission line work is necessary to provide reliable electric service to PECO's distribution customers in the vicinity of the subject project. Subject to the Commission's siting approval, construction of the proposed transmission line modifications described herein is scheduled to begin in May 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 19103
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 in the immediate vicinity of Penn, New London and Franklin Townships, and some load in other nearby areas of Chester County, through its Clay Substation and Jennersville Power Delivery Module (“PDM”). The

Clay Substation and the Jennersville PDM are both served by the same transmission line – the 220-01 line, which in the seven-mile stretch from PECO’s Doe Run switching station to its Clay Substation is a single-circuit radial transmission line known as the “Clay Tap.” Because the Clay Tap is a single-circuit radial transmission line, the Clay Substation and Jennersville PDM currently only have one source of transmission service. A map showing the location of the facilities just described is attached to this Letter as Exhibit A.

5. The load served by the Clay Substation and the Jennersville PDM is geographically located at the southern edge of PECO’s service territory, near the Pennsylvania-Delaware border and the Pennsylvania-Maryland border. When the Clay Substation and Jennersville PDM were originally constructed and installed, load in the area was of a magnitude such that, if the Clay Tap was out-of-service, the local distribution load could be switched to other services on the PECO 34 kV distribution system while repairs were made to the Clay Tap. As long as load in the area remained relatively low, PECO could provide reliable distribution service using the Clay Tap as the primary source of service, and the 34 kV distribution system as the secondary source of service. The local load, however, has grown to the point where it will soon not be possible to serve the local distribution load using the 34 kV system as the contingency service option. At this time, approximately 60 MVA of electric load is served by the Clay Substation, and approximately 20 MVA of electric load served by the Jennersville PDM. With load at that magnitude, if transmission service via the Clay Tap was lost for any reason, it would be difficult or impossible to reconfigure the 34 kV distribution system to supply the entire 60 or 80 MVA of load served by those two stations.

6. Construction of a second 230 kV transmission source to serve the Clay Substation resolves this issue by providing a second transmission contingency source for service of that

distribution facility. If one transmission circuit is out-of-service, the other transmission circuit will have sufficient capacity to serve the load of the Clay Substation. This will allow the more limited load of the Jennersville PDM to be handled, if necessary, either through the Clay Substation or the 34 kV system. In addition, the transmission changes being made in this project can, if additional load necessitates it in the future, be used to create a second source of service to the Jennersville PDM.

IV. GENERAL DESCRIPTION OF THE LINE MODIFICATIONS

52 Pa. Code § 52.72 (c)(3)

7. The general line modification needed for this project is to create a second transmission circuit along the same transmission right-of-way that currently holds the Clay Tap. This will convert the existing radial tap into an electrical “loop” that provides two sources of transmission service to the Clay Substation. The existing Clay Tap is constructed on 36 lattice towers, nominally 86 feet in height but ranging from 75 to 102 feet. PECO will reconfigure the existing circuit and install a second circuit by installing 36 to 38 new monopoles, with heights from approximately 111-146 feet, depending upon local topography. These monopoles will be installed directly next to the existing lattice towers. The existing transmission circuit will be transferred from the lattice towers to the monopoles, and a new, second transmission circuit will be installed on the new monopole structures. A graphic showing the relative size and placement of the two structure configurations is attached to this Letter as Exhibit B. PECO does not expect that installation of the monopole structures will require additional tree removals. Once the monopoles are installed and the existing circuit has been transferred to the monopoles, the existing lattice towers will be deconstructed and removed. All of this transmission line work will

take place on an existing transmission line right-of-way, which has been used as a power line corridor for many years.

8. In addition, PECO will construct takeoff towers, dead-end towers, and other such facilities as are needed to bring the reconfigured aerial transmission lines into the Clay Substation, the Jennersville PDM, and the Doe Run switching station.

V. SAFETY CONSIDERATIONS

52 Pa. Code § 52.72 (c)(6)

9. 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.

10. PECO has evaluated the electric and magnetic fields associated with this project. PECO expects the magnetic fields to decrease after this project, for two reasons. First, the use of monopoles allows a vertical installation, rather than the existing horizontal configuration used on the lattice towers. Second, installation of a second circuit in a loop configuration allows cancellation due to opposing flows. A magnetic field profile comparing typical existing magnetic fields with expected magnetic fields is attached as Exhibit C.

VI. SITING AND ENVIRONMENTAL AND LAND USE IMPACTS

11. The functional requirements of the project allow PECO to use existing rights-of-way and fee- or easement-owned land for all of the modifications for which approval is sought herein. In addition, and as explained in Section IV, this project involves reconfiguration of an existing transmission line by installing new monopoles directly next to the location of the existing lattice towers (except directly next to Clay Substation, Jennersville PDM, and Doe Run switching station, where additional or differently-located structures may be necessary to electrically connect to the transformers or other electrical facilities. This transmission line work will take place on an existing transmission line right-of-way, which have been used as a power line corridor for many years. 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.

12. No communications towers, pipelines or other utilities will be affected by the proposed transmission line modifications. PECO will relocate one cell tower from an existing lattice structure to a new monopole. Because the project involves the reconfiguration and reconductoring of existing transmission facilities, PECO has concluded that the proposed

modifications will have no impact on any airports. However, because of the increased height of the monopole structures, PECO will perform all necessary notifications and obtain all necessary permits to comply with FAA and airport requirements.

13. 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.

14. Because the project involves the reconfiguration and reconductoring of existing transmission facilities, 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)

15. This project has a needed in-service date of June 1, 2013 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 May 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)

16. 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 with new monopoles to be installed directly next to the existing lattice towers, and the existing

lattice towers then removed; (2) PECO does not anticipate the need to remove additional vegetation to accommodate this construction project; and (3) magnetic fields are expected to decrease after this project is constructed. 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)

17. 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

17. As soon as practicable after the filing of this Letter of Notification and after the Commission has formally assigned a docket number to this matter, PECO will publish notice of the filing in newspapers of general circulation in the area of the proposed project. Such notice will contain: (a) the date this Letter of Notification was filed with the Commission; (b) a brief description of the project and its location; (c) area locations where the complete Letter of Notification may be reviewed by the public; and (d) an instruction that the interested parties should within 15 days contact Rosemary Chiavetta,, Secretary, at the Commission's Harrisburg

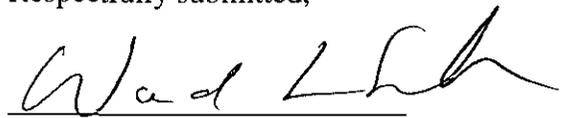
address. A proof of publication will be provided to the Commission after the publication has been completed.

18. 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.

19. Prior to filing this Letter of Notification, PECO conducted public outreach in the area near this proposed project. The public outreach included sending letters to adjacent landowners and conducting an open house in a nearby community facility.

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.

Respectfully submitted,



Attorney for PECO Energy Company

Dated: October 7, 2010

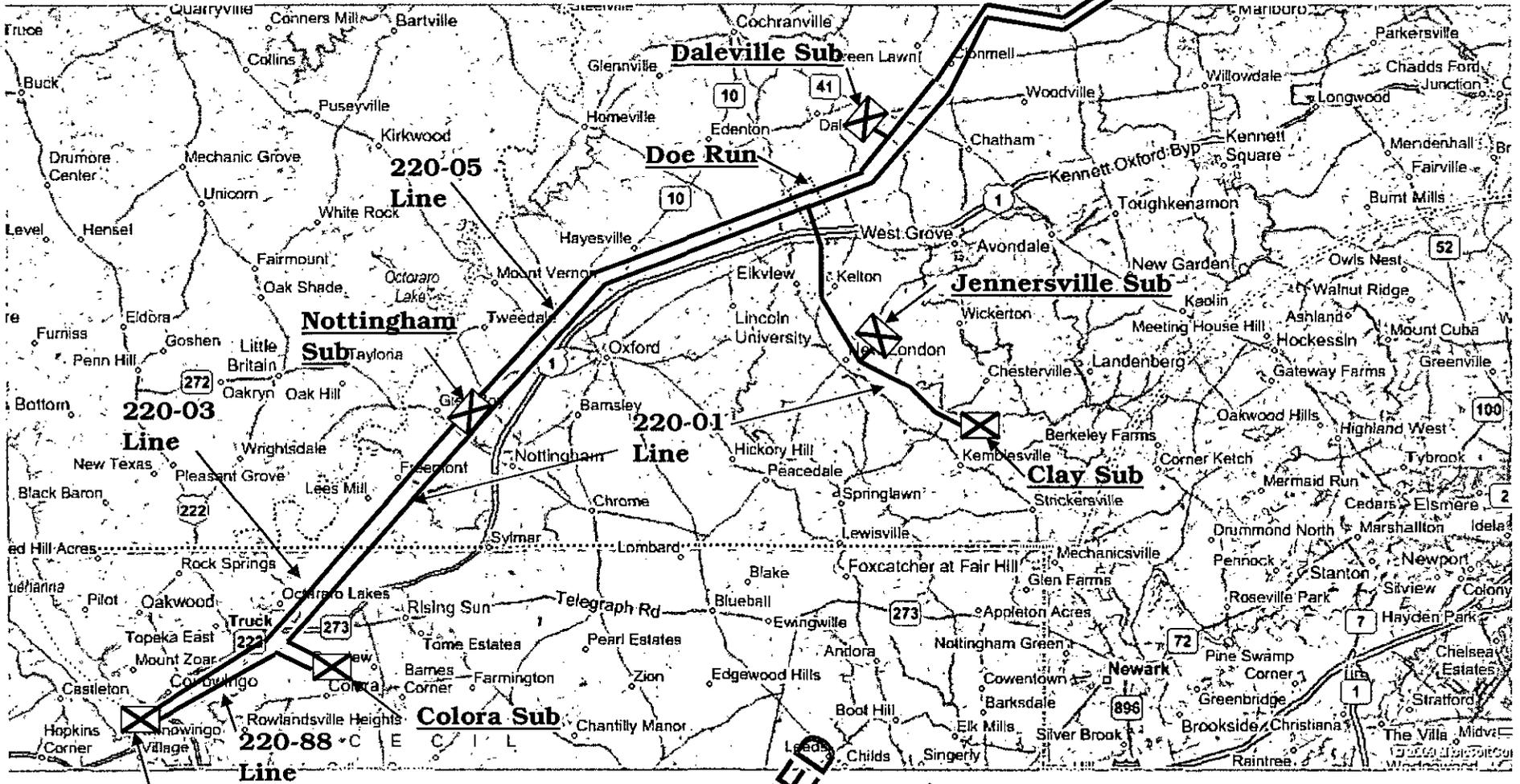
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Exhibit A : Doe Run/Jennersville/Clay 230kV Reconstruction Aerial Map View

To Bradford Sub



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Station

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Exhibit B: Doe Run/Jennersville/Clay 230kV Reconstruction Proposed tower replacement

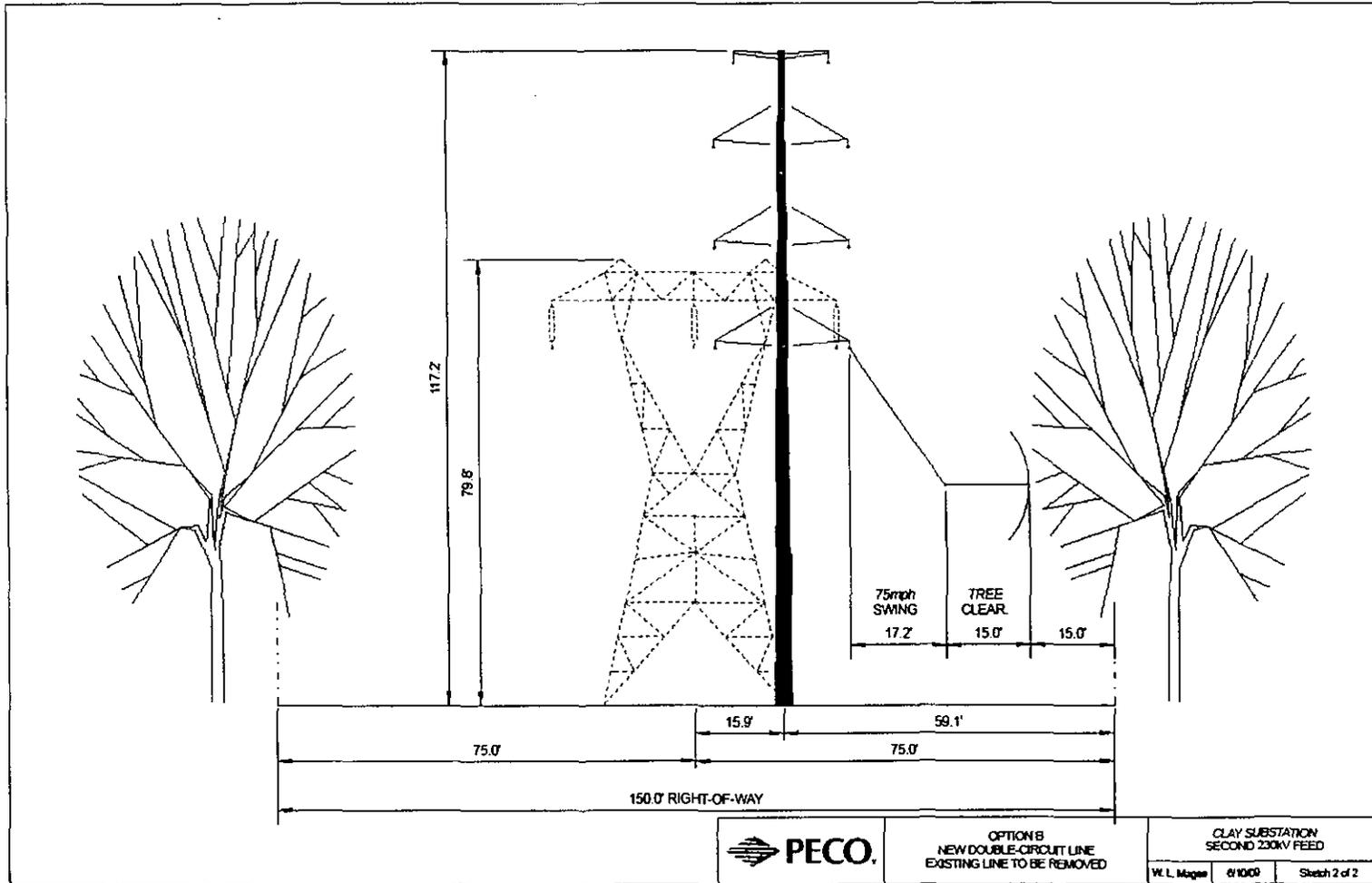
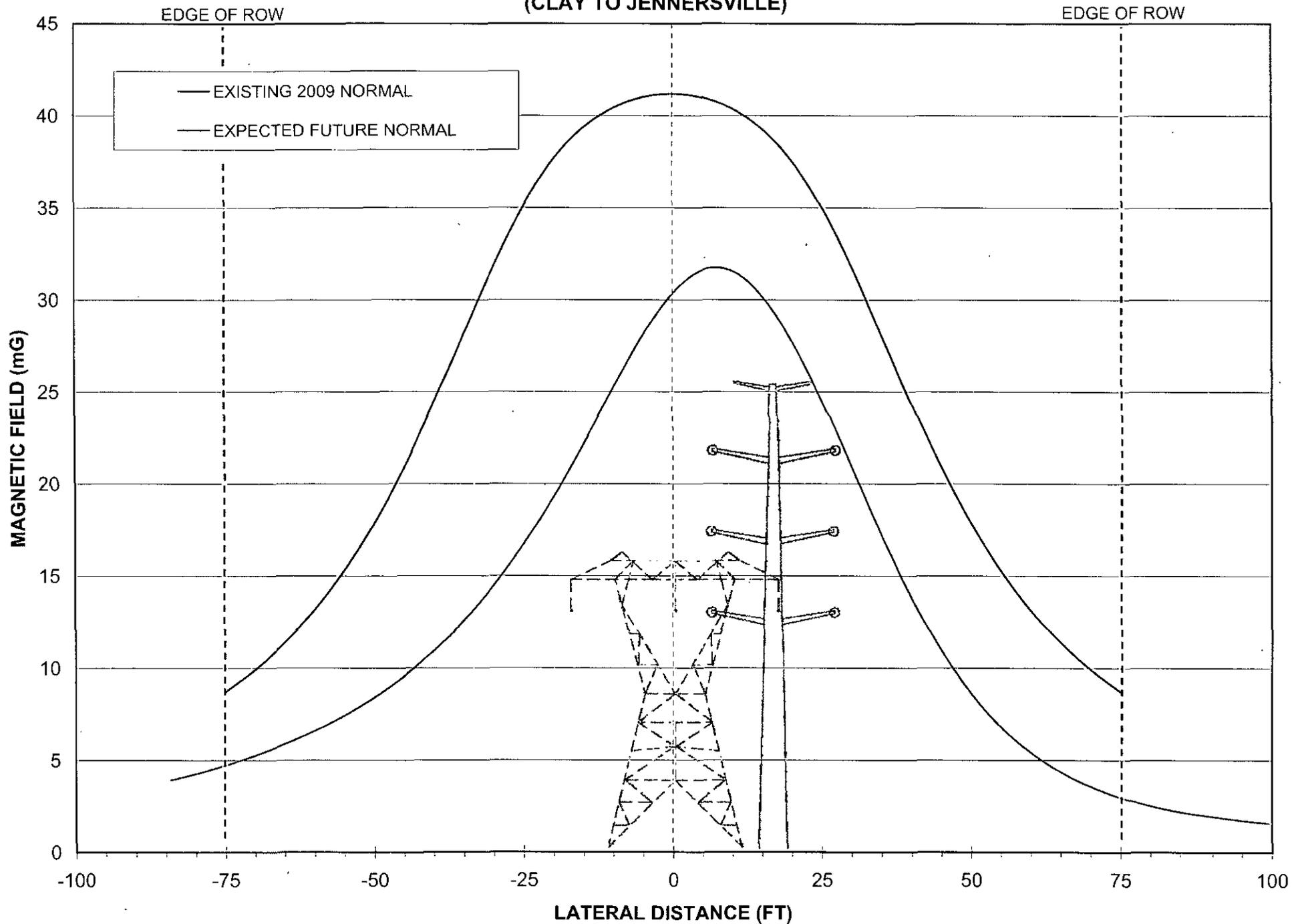


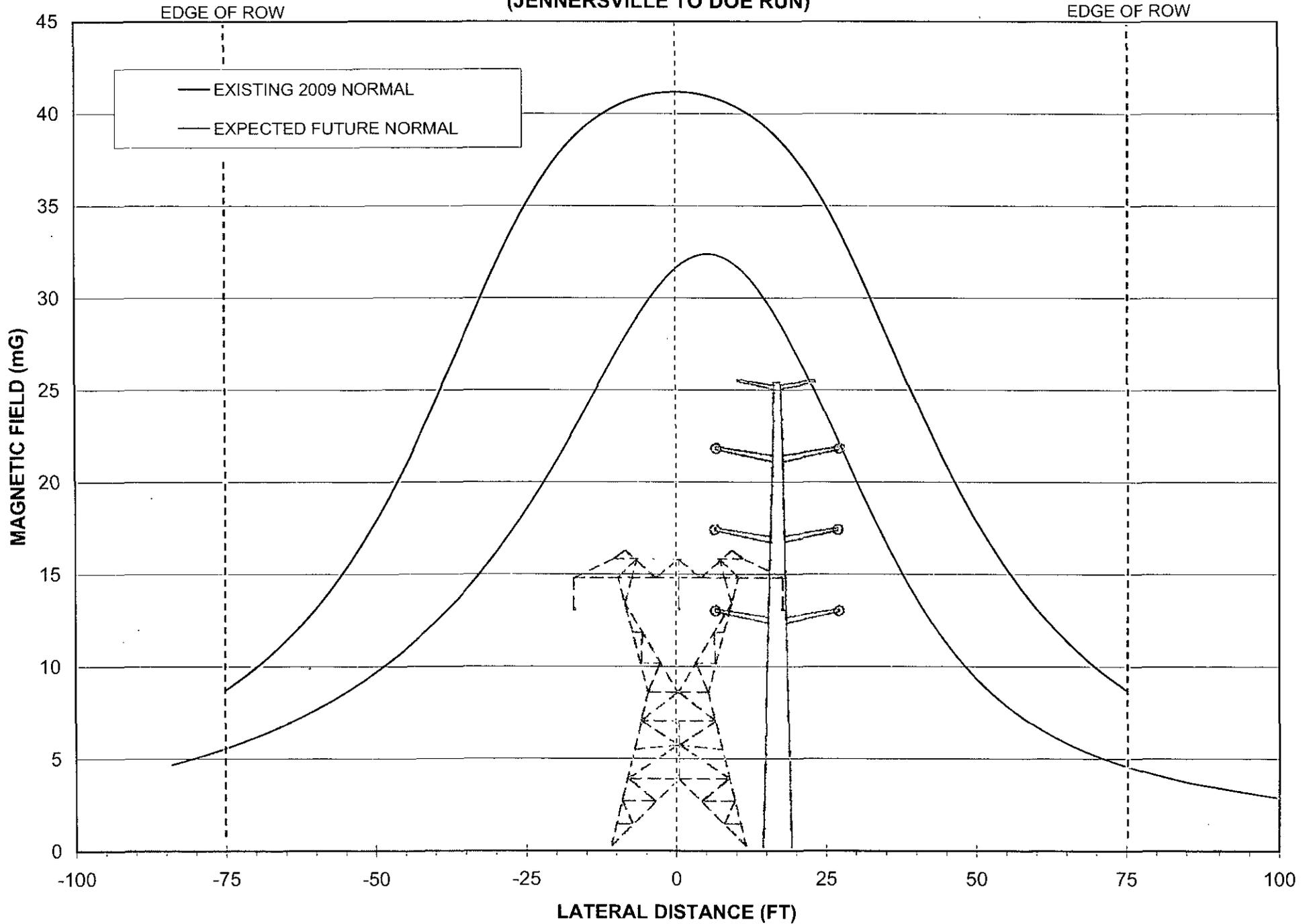
Exhibit C

Magnetic Field Profiles

PECO 230 KV CLAY LINE
MAGNETIC FIELD PROFILE AT MIDSPAN
(CLAY TO JENNERVILLE)



PECO 230 KV CLAY LINE
MAGNETIC FIELD PROFILE AT MIDSPAN
(JENNERVILLE TO DOE RUN)



AFFIDAVIT

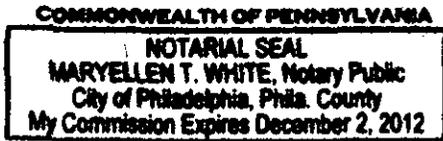
COMMONWEALTH OF PENNSYLVANIA)
: SS
COUNTY OF PHILADELPHIA :
)

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 7th 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 Doe Run –
-- Jennersville – Clay 230 kV
Transmission Line (the “Clay Tap”)**

Docket No. A-

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

Upper Oxford Township
1185 Limestone Road
Upper Oxford, PA 19363

Attn: Chief Executive Officer
Attn: Board of Supervisors or other governing body
Attn: Land Use Planning Officer

New London Township
902 State Road
PO Box 1002
New London, PA 19360

Attn: Chief Executive Officer
Attn: Board of Supervisors or other governing body
Attn: Land Use Planning Officer

Franklin Township
20 Municipal Lane
Kemblesville, PA 19347

Attn: Chief Executive Officer
Attn: Board of Supervisors or other governing body
Attn: Land Use Planning Officer

Penn Township
260 Lewis Road
West Grove, PA 19390

Attn: Chief Executive Officer
Attn: Board of Supervisors or other governing body
Attn: Land Use Planning Officer

Chester County Government
2 N. High Street
West Chester, PA 19380

Attn: Chief Executive Officer
Attn: Board of Supervisors or other governing body
Attn: Land Use Planning Officer

Fee Owners of Property On Which PECO Has Easements

John F. Jr. & June A. Call
835 State Road
New London, PA 19360

Robert B. & Laura B. Bramble
331 School Road
Lincoln University, PA 19352-1308

Bruce C. Hendrixson
330 School Road
Lincoln University, PA 19352-1308

Dianne B. Bramble
390 School Road
Lincoln University, PA 19352-1308

Craig & Dolores Kingery
14 Beechwood Drive
Landenberg, PA 19350-9511

Robert Clayton & Dawn Michelle Greer
12 Beechwood Drive
Landenberg, PA 19350-9511

Wayne & Cristin Schultz
10 Beechwood Drive
Landenberg, PA 19350-9511

James S. & Michelle Vetterlein
6 Beechwood Drive
Landenberg, PA 19350-9511

Michael C. & Ann E. Kneafsey
57 W Hillcrest Avenue
Havertown, PA 19083-1432

Yvonne L. Kuc
John Jr. & Eileen M. Kuc
Karen Diane & John L. Jezorski
650 Pusey Mill Road
Lincoln University, PA 19352-1503

Ronald W. & Carole K. Edgington
642 Pusey Mill Road
Lincoln University, PA 19352-1503

James C. & Evelyn L. Schlosser
Susan E. Schlosser
636 Pusey Mill Road
Lincoln University, PA 19352-1503

Big Elk Associates, LP
PO Box 374
West Grove, PA 19390-0374

Richard A. Bartels
Edward A. Bartels
David A. Bartels
148 Corby Road
West Grove, PA 19390-9422

Edward M & Helen Ruth Lafferty
PO Box 64
Hockessin, DE 19707-0064

Seth David & Barbara A. Delaney
8 Beechwood Drive
Landenberg, PA 19350-9511

Lori S. Mann
155 Hess Mill Road
Landenberg, PA 19350-1572

Chen-De Cho & Su-Mei Ko Cho
286 Forest Manor Road
Cochranville, PA 19330-9623

Donna & Matthew Eason
648 Pusey Mill Road
Lincoln University, PA 19352-1503

Allan J. & Joyce A. Sidlow
1112 Duhamel Corner Road
Sudlersville, MD 21668-1252

Sheila A. Sylvester
632 Pusey Mill Road
Lincoln University, PA 19352-1503

West Grove Hospital Corp/
c/o Property Valuation Services
14400 Metcalf
Overland Park, KS 66225

Elsie Kilby & Mary Sue Porter, et al
316 S Jennersville Road
Kelton, PA 19346

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**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

Dated at Philadelphia, Pennsylvania, October 7, 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



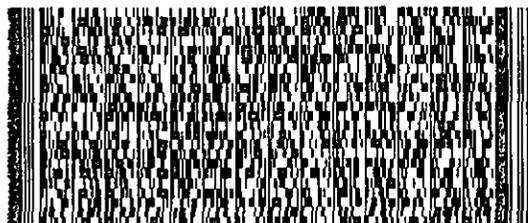
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Rosemary Chiavetta, Secretary
PA Public Utility Commission
400 NORTH ST
COMMONWEALTH KEYSTONE BLDG
HARRISBURG, PA 17120



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