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File #: 140066

November 27, 2012

BY HAND

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

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2012 NOV 27 AM 10:07
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SECRETARY'S BUREAU

RE: Letter Of Notification Of PPL Electric Utilities Corporation, Filed Pursuant To 52 Pa. Code Chapter 57 Subchapter G, With Respect To The Relocation Of A Portion Of The Steel City - Quarry #1 and #2 230 kV Transmission Line In Lower Saucon Township, Northampton County, Pennsylvania - Docket No. A-2012-

Dear Secretary Chiavetta:

Enclosed, for filing, are an original and six (6) copies of the Letter of Notification of PPL Electric Utilities Corporation, together with seven (7) copies of the accompanying attachments which are contained in a separately-bound volume in the above-referenced proceeding. Also enclosed is a CD containing copies of the Letter of Notification and attachments.

As indicated on the certificate of service, copies of the Letter of Notification and accompanying exhibits and appendices are being served by certified mail, return receipt requested upon the involved governmental agencies and municipalities.

Construction is scheduled to commence in the fall of 2013, following approval by the Pennsylvania Public Utility Commission, to meet a required in-service date by the fall of 2014.

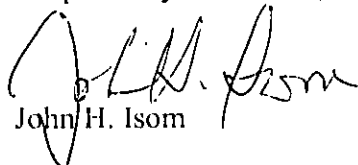
If you have any questions concerning this matter, please contact me at the address or telephone numbers provided above.

Rosemary Chiavetta, Secretary

November 27, 2012

Page 2

Respectfully Submitted,



John H. Isom

JHI/jl

Enclosures

cc: Robert F. Young

Paul T. Diskin

Nicholas Okoro

Kimberly Hafner

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**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Re: Letter Of Notification Of PPL Electric :
Utilities Corporation, Filed Pursuant To 52 :
Pa. Code Chapter 57 Subchapter G, With : Docket No. A-2012-_____
Respect To The Relocation Of A Portion :
Of The Steel City – Quarry #1 and #2 230 :
KV Transmission Line In Lower Saucon :
Township, Northampton County, PA :

LETTER OF NOTIFICATION

TO THE PENNSYLVANIA PUBLIC UTILITY COMMISSION:

PPL Electric Utilities Corporation (“PPL Electric”) hereby files, pursuant to 52 Pa. Code §57.72(d), this Letter of Notification to request that the Pennsylvania Public Utility Commission (“Commission”) approve the relocation of a portion of the Steel City – Quarry #1 and #2 230 kV Transmission Line. This line relocation is required to accommodate the future expansion of the landfill of the IESI Bethlehem Landfill Corporation (“IESI”) in Lower Saucon Township, Northampton County, Pennsylvania. PPL Electric has reviewed the Project with representatives of Lower Saucon Township and Northampton County, and they had no objection to the Project. Subject to the Commission’s approval, construction of the Project is scheduled to commence in the fall of 2013 to be in service by the fall of 2014. In support of the relocation, PPL Electric states as follows:

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1. INTRODUCTION

1. This Letter of Notification is filed by PPL Electric, a public utility that provides electric distribution, transmission, and provider of last resort services in Pennsylvania subject to the regulatory jurisdiction of the Commission.

2. PPL Electric's address is:

Two North Ninth Street
Allentown, Pennsylvania 18101

3. PPL Electric's attorneys are:

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PPL Electric's attorneys are authorized to receive all notices and communications regarding this Letter of Notification.

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4. PPL Electric furnishes electric service to approximately 1.4 million customers throughout its certificated service territory, which includes all or portions of twenty-nine counties and encompasses approximately 10,000 square miles in eastern and central Pennsylvania. PPL Electric is a “public utility” and an “electric distribution company” as those terms are defined in Sections 102 and 2803 of the Pennsylvania Public Utility Code, 66 Pa. C.S. §§ 102, 2803, respectively.

5. PPL Electric owns approximately 5,000 miles of transmission lines operating at 69 kV (kilovolts) or higher, approximately 375 substations with a capacity of 10 MVA (megavolt amperes) or more, and approximately 43,000 miles of distribution lines operating at less than 69 kV.

II, LETTER OF NOTIFICATION

6. PPL Electric is proceeding by means of a Letter of Notification, instead of a full Application, pursuant to the Commission’s regulations at 52 Pa. Code § 57.72(d)(1)(vi). The proposed relocation of the Steel City – Quarry #1 and #2 230 kV Transmission Line qualifies for use of a Letter of Notification because the portion of the Steel City – Quarry Transmission Line to be relocated is less than 2 miles in length. The remaining portions of the Steel City-Quarry #1 and #2 230 kV Transmission Line will not be affected by the Project.

7. Accompanying this Letter of Notification is a separately bound volume containing Attachments 1-7, which provide additional information about the proposed relocation of the Steel City – Quarry #1 and #2 230 kV Transmission Line. This Attachments to this Letter of Notification include the following:

- Attachment 1 Necessity Statement.
- Attachment 2 Engineering Description.
- Attachment 3 Environmental Assessment.

- Attachment 4 PPL Electric Design Criteria and Safety Practices.
- Attachment 5 PPL Electric Magnetic Field Management Program.
- Attachment 6 List of Owners of Property Within the Right-of-way.
- Attachment 7 List of Involved Governmental Agencies, Municipalities, and Other Public Entities.

This Letter of Notification and accompanying Attachments, which are incorporated herein by reference, contain all the information required by 52 Pa. Code § 57.72(d)(4).

8. This Letter of Notification is filed on the date set forth 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, the proposed portion of the Steel City – Quarry Transmission Line will be relocated as proposed herein without the formal application process set forth at 52 Pa. Code §§ 57.71, *et seq.*

III. THE PROJECT

9. The IESI plans to expand its existing landfill in Lower Saucon Township, Northampton County. PPL Electric’s Steel City – Quarry #1 and #2 230 kV Transmission Line presently runs through the tract of land where the landfill is located and where the landfill expansion will be located. In order for the IESI to expand the landfill, the Steel City – Quarry Line must be relocated to the southern and western portions of the IESI property.

10. The portion of the Steel City – Quarry #1 and #2 230 kV Transmission Line to be relocated is approximately 0.68 miles in length. The relocated portion of the Line will be 0.72 miles in length.

11. The Steel City – Quarry Transmission Line is a double circuit 230 kV Line, and the portion of the Line to be relocated will be reconstructed for two circuits.

12. The estimated cost to relocate the transmission Line is approximately \$3.4 million. The cost will be borne by the IESI. Subject to the Commission's approval, construction is scheduled to begin in the fall of 2013 in order to meet an in-service date of the fall of 2014.

13. Most of the portion of the Steel City – Quarry #1 and #2 Transmission Line to be relocated is presently supported by steel monopoles with an average height of 135 feet. Spans average approximately 763 feet. The remainder of the portion of the Steel City – Quarry #1 and #2 Transmission Line to be relocated is supported by angle structures, which may consist of one or two poles, depending on the severity of the angle. The Steel City – Quarry #1 and #2 Transmission Line is constructed for two 230 kV circuits. The relocated portion of the Line will be designed and constructed for double circuit 230 kV operation.

14. Figure 1 to Attachment 1 of this Letter of Notification provides a one-line diagram of the existing transmission system configuration and the configuration after the relocation. As shown there, the relocation will not change the functionality of the Steel City – Quarry #1 and #2 230 kV Transmission Line.

15. The proposed relocation of the Steel City – Quarry Transmission Line will require ten new transmission structures and associated spans of transmission conductors. Most structures will utilize single-shaft steel poles, each equipped with eight upswept steel arms. There will also be angle structures. The angle structures may consist of one or two steel poles, depending on the severity of the angle. All new poles will be placed on foundations. The ten new structures will have an average height of 135 feet. The average span length will be 764 feet.

16. The relocated portion of the Steel City – Quarry #1 and #2 Transmission 230 kV Line will have six power conductors and two overhead ground wires. The power conductors will

be 1,590 kcmil¹ 25/7 stranding ACSR.² One overhead ground wire (OHGW) will be 1/2-inch diameter extra high-strength steel while the other will be 0.791 inch diameter optical ground wire (OPGW). They will provide lightning protection for the relocated line section and communications between PPL Electric Substations.

17. The Engineering Description of the proposed relocation of the Steel City – Quarry Transmission Line is provided in Attachment 2 accompanying this Letter of Notification.

IV. NECESSITY

18. The Necessity Statement for the proposed relocation of the Steel City – Quarry Transmission Line is provided as Attachment 1 accompanying this Letter of Notification. As explained therein, the purpose of the proposed relocation of a portion of the Steel City – Quarry Transmission Line is to allow the IESI to expand its landfill.

V. HEALTH AND SAFETY

19. The proposed relocation of the Steel City – Quarry Transmission Line will not create any unreasonable risk of danger to the public health or safety. The Steel City – Quarry Transmission Line will be designed, relocated, operated, and maintained in a manner that meets or surpasses all applicable National Electric Safety Code (“NESC”) minimum standards and all applicable legal requirements. Descriptions of NESC standards, PPL Electric’s design criteria, and PPL Electric’s safety practices are provided in Attachment 4 hereto.

20. Attachment 5 accompanying this Letter of Notification explains PPL Electric’s standards for Magnetic and Field Management. PPL Electric’s Magnetic Field Management Program will be applied to reconstruction and new line projects, including the reconstruction of a portion of the Steel City #1 & #2 230 kV Transmission Line. In order to reduce magnetic field

¹ Kcmil stands for thousand circular mils. A circular mil is the cross-sectional area of a wire one mil in diameter, where 1 kcmil = 0.5067 mm².

² Aluminum conductor steel reinforced.

exposures, the program generally prescribes a line design that provides 5 feet higher ground clearances than required under the NESC and reverse phasing of new double-circuit lines where it is feasible to do so at low or no cost.

Consistent with the program, PPL Electric will construct the new line section for five feet higher ground clearance than NESC standards to reduce magnetic field exposures. In addition, reverse phasing will continue to be utilized to reduce magnetic field exposures.

VI. IMPACTS

21. Because the relocated portion of the Steel City – Quarry #1 and #2 230 kV Transmission Line relocation will be in an area where there is a landfill and a pre-existing large transmission Line, as depicted in the aerial plot plan at the end of Attachment 2 to this Letter of Notification, the proposed construction will have minimal incremental impacts on the area. In addition, the undulating terrain and vegetation will screen the facilities.

22. No communication towers, pipelines, or other utilities will be affected by the proposed relocation of the Steel City – Quarry #1 and #2 230 kV Transmission Line.

23. The Lehigh Valley International Airport is the nearest airport and is located approximately six miles to the north of the Project site. PPL Electric will file the appropriate documentation with both the Federal Aviation Administration and the PennDOT Bureau of Aviation, if necessary, to confirm that the proposed transmission Line will not be a hazard to the airport's flight operations. PPL Electric does not anticipate that the relocation will adversely affect flight operations because the Project involves replacing poles with new poles with similar heights and because the new poles will be further from the Lehigh Valley International Airport.

24. Martin and Martin, Incorporated, on behalf of IESI has coordinated with the Pennsylvania Historical and Museum Commission (PHMC) to obtain information regarding historic properties/places and archaeological sites in close proximity to the Project area

(ER#2001-3804-095-I). In correspondence dated May 10, 2011, the PHMC indicated that additional consultation is required due to potential impacts on the Applebutter Road Historic District.

25. In addition, PPL Electric has coordinated with the PHMC regarding historic properties/places and archaeological sites in close proximity to the Project area (File No. ER 2012-2350-095-A). Correspondence dated September 5, 2012 from the PHMC indicated potential impacts to archaeological resources and historic structures.

26. All PHMC conflicts will be resolved by IESI before PPL Electric starts construction on the transmission Line relocation. PPL Electric will not initiate work until all conflicts are fully resolved.

27. The proposed relocation of the Steel City – Quarry Transmission Line will not affect any unique geological, scenic, or natural areas.

28. The Project will have no significant effect on recreational areas. The recreational areas located closest to the Project site include:

- a. Lehigh River, which is located approximately 0.42 miles north of the Project site and
- b. Saucon Park, which is located approximately 1.8 miles west of the Project site.

Impacts to these features would be primarily visual. Impacts to these features are not anticipated, however, for four principal reasons. First, the topography between these features and the Project area is undulating and includes a topographic crest that runs along the northern portion of the IESI property paralleling the Lehigh River. The proposed relocated Line will be situated to the south of the crest and the Line will be shielded by it. Second, the distances from the Project area to the recreational areas are substantial. Third, the Project is located in an area

which contains existing utility facilities. Fourth, existing vegetation provides a buffer between the Project area and the recreational areas.

29. Some tree clearing will be required along the proposed relocated line route. The total length of the relocated portion of the Line will be only about 0.72 miles. PPL Electric will apply its “Specifications for Initial Clearing and Control of Vegetation on or Adjacent to Electric Right-of-Way Through Use of Herbicides, Mechanical, and Hand Clearing Techniques” while clearing this area. PPL Electric will acquire any required soil erosion and sedimentation control permits and comply with all conditions imposed by such permits.

30. The proposed route crosses existing wetland areas and watercourses. The relocated section of transmission Line will span the wetland areas and watercourses. PPL Electric will obtain all necessary permits from the Pennsylvania Department of Environmental Protection and the United States Army Corps of Engineers and will comply with all conditions placed on the permits.

31. Martin and Martin, Incorporated, and Roemer Ecological Services, Inc., on behalf of IESI have coordinated with state and federal agencies to obtain information regarding threatened and endangered species in close proximity to the Project area. An initial review of the Pennsylvania Natural Diversity Inventory (“PNDI”) records indicates that the *Ellisia nyctelea* (Ellisia) and *Myotis septentrionalis* (Northern Myotis) may be present within or near the Project area (PNDI Search ID: 20110609301533). In addition, although the initial PNDI review did not identify the *Glyptemys mühlenbergii* (bog turtle) as being present within or near the Project area, Northampton County is a designated bog turtle County. Therefore, any on site wetlands were surveyed for potential bog turtle habitat.

32. Correspondence from the Pennsylvania Game Commission (PGC) dated September 6, 2011 indicated that no impacts are anticipated to the Northern Myotis or any other species or resources of concern under the jurisdiction of the PGC. No further coordination with the PGC is necessary for the Project.

33. Additional correspondence from the Department of Conservation and Natural Resources dated August 10, 2011, in reference to the Ellisia, indicated that the *Myriophyllum sibiricum* (Northern Water-milfoil), *Cuscuta compacta* (Compact Dodder), and *Cyperus schweinitzii* (Schweinitz's Flatsedge) are located within the Project vicinity. Based on the potential presence of the Ellisia, Northern Water-milfoil, Compact Dodder, Schweinitz's Flatsedge, and bog turtle, Roemer Ecological Services, Inc. conducted surveys of the Project area to identify whether these species were present. It has determined that these species are not present within or near the proposed Project area. Roemer Ecological Services, Inc., is preparing the appropriate survey reports for submission to the corresponding agencies once finalized. All conflicts with species of concern will be resolved by IESI prior to PPL Electric starting construction of the transmission Line.

VII. RIGHT-OF-WAY

34. The section of the Steel City – Quarry Transmission Line that will be relocated is located entirely in Lower Saucon Township, Northampton County. The properties which presently host the portion of the Line to be relocated are owned by IESI. The same tracts of land also host the existing landfill and will host the landfill expansion. The Line will be relocated to tracts of land owned by IESI. The IESI has agreed to convey to PPL Electric a suitable right-of-way and easement for the Line.

VIII. NOTICE

35. The proposed relocation of the Steel City – Quarry Transmission Line was reviewed with representatives of Lower Saucon Township and Northampton County, and neither the Township nor the County had any objection to the relocation.

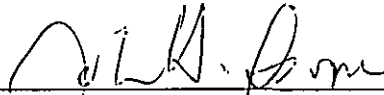
36. Attachment 7 accompanying this Letter of Notification contains a list of the involved governmental agencies, municipalities, and other public entities. Copies of this Letter of Notification are being served on the agencies listed in Attachment 7 in accordance with 52 Pa. Code § 57.72(d)(3).

37. PPL Electric will serve a copy of this Letter of Notification on IESI, the owner of the land where the relocated portion of the Steel City – Quarry #1 and #2 230 kV Transmission Line will be located, in accordance with 52 Pa. Code § 57.72(d)(3).

IX. CONCLUSION

WHEREFORE, PPL Electric Utilities Corporation respectfully requests that the Pennsylvania Public Utility Commission approve the relocation of a portion of the Steel City – Quarry #1 and #2 230 kV Transmission Line in Lower Saucon Township, Northampton County, Pennsylvania, that is explained above and in the Attachments hereto.

Respectfully submitted,



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Date: November 27, 2012

Attorneys for PPL Electric Utilities Corporation

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VERIFICATION

I, Stephanie Raymond, being the General Manager of Transmission and Substations of PPL Electric Utilities Corporation, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief and that I expect that PPL Electric Utilities Corporation to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 relating to unsworn falsification to authorities.

Date: 11/16/12



Stephanie Raymond

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing **Letter of Notification** has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

**VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Commonwealth Keystone Building
400 North Street, 2nd Floor
Harrisburg, PA 17120-0053
ATTN: Mr. Douglas C. McLearen, Chief

Honorable Barry Schoch, P.E. Secretary
Pennsylvania Department of Transportation
c/o Office of Chief Counsel
Commonwealth Keystone Building
400 North Street, 9th Floor
Harrisburg, PA 17120
ATTN: Andrew Gordon, Esquire

Department of Environmental Protection
PO Box 2063
Market Street State Office Building
Harrisburg, PA 17105-2063
ATTN: Office of Field Operations

Lehigh Valley Planning Commission
961 Marcon Boulevard – Suite 310
Allentown, PA 18109
ATTN: Mr. Michael Kaiser, AICP

Northampton County Council
699 Washington Street
Easton, PA 18042-7474
ATTN: John Cusick, President

Lower Saucon Township Council
3700 Old Philadelphia Pike
Bethlehem, PA 18015
ATTN: Glenn Kern, President

Lower Saucon Township Planning
Commission
3700 Old Philadelphia Pike
Bethlehem, PA 18015
ATTN: John Landis, Chairperson

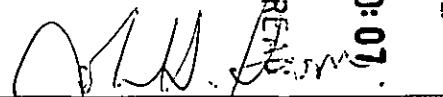
IESI PA Bethlehem Landfill Corporation
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Office of Consumer Advocate
555 Walnut Street
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Bureau of Investigation & Enforcement
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Office of Small Business Advocate
Commerce Building
300 North Second Street, Suite 1102
Harrisburg, PA 17101

Date: November 27, 2012



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