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**Construction Notice for the
PIR-614 High Pressure
20-Inch Distribution Pipeline**

**Ohio Power Siting Board
Case No. 11-3153-GA-BNR**

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**Submitted by
Dominion East Ohio Gas Company**

**CASE NO. 11-3153-GA-BNR
CONSTRUCTION NOTICE
PIR-614 HIGH PRESSURE
20-INCH DISTRIBUTION PIPELINE**

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-02: Construction Notice Requirements of the Rules and Regulation of the Ohio Power Siting Board.

4906-11-02(B) GENERAL INFORMATION

4906-11-02(B)(1): Name of the project

The proposed project is the Dominion East Ohio Gas High Pressure Distribution Line #27599, Pipeline Replacement, the third segment of replacement program along East 49th Street. The project will be referenced with DEOG as PIR-614, Harvard to East 49th Street, 20-inch, and Project #1E07272086.

4906-11-02(B)(2): Brief description of the project

Dominion East Ohio Gas ("DEO") is planning to abandon in place approximately 16,660 feet of Jennings intermediate pressure ("IP") of various sizes up to 20-inches, Line #6199, and construct a new pipeline over a new route consisting of approximately 5,200 feet of 20-inch high pressure ("HP") L#27599. This new pipeline will serve the same function as the existing Jennings IP distribution natural gas pipeline L#6199 that traverses Cuyahoga County in a northwest to southeast direction, within the cities Independence, Brooklyn Heights and Cuyahoga Heights with the installation of a HP distribution natural gas pipeline L#27599 located entirely within the Village of Cuyahoga Heights. Specifically the existing pipe is located at Willow Station, near Granger Road, Independence Ohio, and proceeds in northwest direction traversing through Dominion right-of-way in the Village of Brooklyn Heights to its termination at the intersection of

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Harvard Avenue and Jennings Road, Cleveland Ohio. The existing Jennings L#6199 will be capped in place and will no longer be in service.

The new pipe segment, L#27599, will begin at East 49th Street, north of Grant Avenue, with work ending within immediate vicinity of 1515 Harvard Avenue, all within the Village of Cuyahoga Heights. The new Line #27599 will be adjacent to Newburg & South Shore Railroad ("NSSRR") and terminate at Harvard Avenue. No wetland areas occur within areas where L#27599 will be installed.

The new 20-inch HP pipeline will be coated and cathodically protected with anodes. It will be placed in an area to be secured from NSSRR and governed by the new NSSRR License Agreement. Pipe replacement shall be installed within existing 100 foot railroad right of way. The new pipeline will be placed either within the NSSRR or road rights of way. Existing public roadways, private roadways, and pipeline right of way will provide required equipment access. The existing distribution pipeline being replaced, was installed in various years between 1940-1986 (24 – 71 years ago), with a MAOP of 95 pounds per square inch – gas (psig). A project overview map of the proposed new 20-in HP line is included in Attachment A, page 1 of 2 and a map showing the new line (labeled #1) and the lines to be replaced in relation to the proposed new line (labeled #2) is found on page 2 of 2, of Attachment A.

4906-11-02(B)(2): Why the Project Meets the Requirements for a Construction Notice

This project meets the criteria listed in Appendix B of Ohio Administrative Code ("OAC") Rule 4906-1-01 for a construction notice. The new gas line project is

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comprised of the installation of a single 20-inch HP distribution pipeline that will serve the same function as the existing 20-inch IP distribution pipeline segments. In addition, the new line will provide a backfeed to the Industrial Area, which the 20-inch IP line does not and therefore the new line will offer a more reliable feed. Thus this project meets the criteria of Appendix B(1)(a) because it is a new gas line that is less than one mile in length.

The new pipeline will be located wholly within DEO's service area. DEO owns and operates the existing and it will continue to own and operate the new pipeline. The primary purpose of the new segments will be to assure a constant natural gas supply to DEO's customers.

4906-11-02(B)(3): Need for the natural gas transmission line

The proposed new 20-inch HP loop will connect the Jennings 30-inch HP system (MAOP of 216 psig) with the East 49th Street HP system (MAOP of 216 psig). This will provide reliability, redundancy, and flexibility to both HP systems and the large industrial and residential demand area of Cleveland that both serve. Both of these systems are only supplied from the south at Willow Station. Since both systems are currently supplied with a single feed, the addition of the new 20-inch HP loop will provide a secondary feed for both systems and the customers served by these systems. The Jennings 30-inch is currently the only HP feed north from Willow Station that can fully support the flats (heavy industrial area) and the Steel Yard (IP) Station. The Jennings 30-inch HP main supplies gas for approximately 15% of the total Cleveland Winter load and approximately 37% of the total Cleveland Summer load. This new

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project will enable the East 49th Street HP system to fully maintain all present 30-inch Jennings HP feeds including the flats, steel mill, Alcoa, and the IP station Steel Yard Station. Also, this project will enable the Jennings 30-inch HP system to fully maintain all present East 49th Street HP system demands¹.

4906-11-02(B)(4): Anticipated construction schedule, in-service date

Assuming that this Construction Notice is processed in accordance with OAC Code Rule 4906-5-02(B), DEO would begin construction in July of 2011 and place the line service by the fall of 2011.

4906-11-02(B)(5): Estimated capital cost

The high-level estimate for the new the sixteen-inch High Pressure gas main is approximately \$1,500,000.

4906-11-02(B)(6): Operating characteristics, number and types of required structures, land requirements

Pipeline MAOP: The IP pipeline (which function will be continued by the new line) has operated at maximum allowable operating pressure ("MAOP") of 95 psig. The proposed pipeline will operate at an MAOP of 216 psig. The proposed 20-inch HP loop has a proposed MAOP of 216 psig. The proposed 20-inch main may see typical operating pressures ranging from 180 psig to 200 psig through the winter and summer.

¹ At the time this project is constructed, several other non jurisdictional and one jurisdictional, projects will be implemented because they are either adjacent to, or connect with the proposed 20-inch project. These include the retirement of approximately 2,380 feet of 6-inch steel IP pipe (L#5643, 5644, 6272 and 17082) along the route (See Attachment A, #3). The 6-inch pipe was installed in 1930. The customer taps along this section of 6-inch IP will be transferred to the proposed 20-inch HP loop. The replacement of 300 feet of a 12-inch HP line on Harvard Avenue, was filed as Case No. 11-2932-GA-BRN (See Attachment #4). The Crestline and Jennings Station will be reconfigured to allow the Jennings 30-inch line to feed the station (See Attachment A, #5) and a gate cluster (one block and two side gates) will be installed at Harvard Avenue and Jennings Street (See Attachment A, #6). Finally, the East 49th Street and Harvard Avenue HP line will be automated to the HP/IP regulator station so that the that the Gas Control Department can remotely control pressures and flow (See Attachment A, #7).

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The potential peak winter load within the proposed 20-inch main may be approximately 3500 million cubic feet/hour ("mcfh") based on current demands. The potential minimum summer load may be approximately 1000 mcfh based on current demands.

Pipe Material: Existing 20-inch bare steel pipeline will be replaced with 20-inch, .375w, X52, Fusion Bond Epoxy coated pipe.

Structures: No additional structures will be required for the replaced pipeline.

Right-of-Way (ROW) and/or Land Requirement: The new pipe will be placed within a 100-foot NSSRR easement, and within the existing road right-of-way on Harvard Avenue. A work easement of approximately 20 by 20 feet easement may be required at the Alcoa property.

4906-11-02(B)(7): Map of pipeline showing centerline, instructions for locating, viewing the proposed facility

Attachment A is an area map of 1:450 scale that depicts the proposed new pipeline's centerline. The map shows streets, roads and highways. Attachment B provides written instructions for locating and viewing the proposed new pipeline.

4906-11-02(B)(8): A list of properties for which the applicant has land rights

There are only two property owners, one for the permanent easement for the new pipe and possibly one for a temporary work easement for the construction period. Both property owners are in negotiations with DEO for the required easements. DEO has the right to use the roads for its pipeline construction. Contact information about the two property owners is found on Attachment C.

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4906-11-02(C) DOCUMENTATION OF CONSTRUCTION NOTICE

DEO representatives have informally contacted the city officials to inform them about this proposed pipeline. A copy of this Construction Notice is being provided concurrently to the following public officials of Cuyahoga County and Cuyahoga Heights who are listed on Attachment D.

A copy of the transmittal letter submitting this Construction Notices on the same day that it was filed with the Ohio Power Siting Board is also attached as Attachment E.

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Attachment A

Maps of Project Area



Figure 1: Site Map of Project Area.
PIR-614 Harvard Loop.

MES ENVIRONMENTAL SCIENCE

"Excellence in Ecological Monitoring"

800 Feet

0 400 800

250 Meters

0 125 250

— Pipeline / Study Area

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Attachment B

DRIVING DIRECTIONS

Harvard Avenue

As defined on construction plans, entire length of the proposed route will be located within NSSRR and Alcoa easements and within existing road rights-of-way.

Travel to the site from Columbus can be accomplished by taking I-71 north toward Cleveland (approximately 112 miles). From I-71 north, take Exit 220 on to I-271 North toward Pa. (approximately 10 miles). At Exit 10, take ramp right for I-77 North/SR-21 North/Veterans Memorial Hwy toward Cleveland (approximately 15 miles). Exist using the Grant Avenue exit (Exit 158) from 177, and take ramp right toward Cuyahoga Heights (approximately 0.1 mile). Turn right on Grant (approximately 0.4 miles). Take Grant north to NSSRR (approximately 0.1 mile). Pipe alignment staking will be provided in the NSSRR easement on left.

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Attachment C

List of Existing Properties with Dominion East Ohio Specific Easements

There are two property owners from whom the Applicant will have obtained easements:

Newburgh & South Shore LandRail LLC
50 S. Steel Street, Suite 374
Denver, Colorado 80209

Alcoa
201 Isabella Street
Pittsburgh, Pennsylvania 15212

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Attachment D

List of Officials Who Received a copy of the Construction Notice (BNR).

Mayor Jack Bacci
Village of Cuyahoga Heights
4863 East 71st Street
Cuyahoga Heights, Ohio 44125

Ed FitzGerald
Cuyahoga County Executive
Office of County Executive
1219 Ontario Avenue
Cleveland, Ohio 44113

Scott Waldemarson
Service Director
7201 Canal Road
Cuyahoga Heights, OH

Paul Dey
Village Engineer
Bohning & Associates
7979 Hub Pkwy
Valley View, OH 44125

Paul Alsenas
Cuyahoga County Planning Commission
323 Lakeside Avenue, Room 400
Cleveland, OH 44113

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Attachment E

Sample Letter



Bricker & Eckler
ATTORNEYS AT LAW

COLUMBUS / CLEVELAND
CINCINNATI-DAYTON

BRICKER & ECKLER LLP
100 South Third Street
Columbus, Ohio 43215-4291
MAIN: 614.227.2300
FAX: 614.227.2380

www.bricker.com
info@bricker.com

Sally W. Bloomfield
614.227.2388
sbloomfield@bricker.com

May 24, 2011

Address

Re: PIR-164 High Pressure 20-Inch Distribution Line Replacement
Ohio Power Siting Board Case No. 11-3153-GA-BNR

Dear Address:

Dominion East Ohio Gas is planning to remove from service approximately 16,660 feet of Jennings intermediate pressure of various sizes of pipeline up to 20-inch, L #6199, and construct a new pipeline over a new route consisting of approximately 5,200 feet of 20-inch high pressure L#27599. This new pipeline will serve the same function as the existing, Jennings intermediate pressure distribution natural gas pipeline, L#6199, that traverses Cuyahoga County in a northwest to southeast direction, within the cities Independence, Brooklyn Heights and Cuyahoga Heights with the installation of a high pressure distribution natural gas pipeline L#27599 located entirely within the Village of Cuyahoga Heights. The existing Jennings L#6199 shall be capped in place and will no longer be in service.

The new pipe segment, L#27599, will begin at East 49th Street, north of Grant Avenue, with work ending within immediate vicinity of L#1515 Harvard Avenue, all within the Village of Cuyahoga Heights. The new Line #27599 will be adjacent to Newburg & South Shore Railroad ("NSSRR") and terminate at Harvard Avenue.

The enclosed Construction Notice has been filed today with the Ohio Power Siting Board ("Board").

In accordance with the provisions of Ohio Administrative Code (OAC) Rule 4906-1-01, Appendix B, this project falls within the Board's requirements for a Construction Notice. Therefore, in compliance with OAC Rule 4906-11-02 of the Board's rules and regulations, we have prepared and filed the attached Construction Notice with the Board for their review and approval. These materials contain a description of the new pipeline.

If you have any questions or require additional information please call Mike Antonius at (330) 664-2481.

Sincerely,

Sally W. Bloomfield
Enclosure