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76 South Main St. Akron, Ohio 44308

2008 DEC 18 AM 9: 49

1-800-633-4766

PUCO

December 17, 2008

Ms. Renee J. Jenkins Director, Administration Department Secretary to the Commission **Docketing Division** The Public Utilities Commission of Ohio 180 East Broad Street Columbus, OH 43215-3793

#### Letter of Notification Burger-Knox 138 kV Transmission Line Tap for the Carroll Electric Cooperative's Washington Substation Case No. 08-/307-EL-BLN

Dear Ms. Jenkins:

In accordance with Rule 4906-11-01 American Transmission Systems, Incorporated ("ATSI") transmits one (1) original and eleven (11) copies of the enclosed Letter of Notification for the above captioned project. In this project, ATSI is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

Please be advised of the following:

a) Name and address of the applicants:

American Transmission Systems, Incorporated

76 South Main Street Akron, Ohio 44308

b) Name of proposed facilities:

Burger-Knox 138 kV Transmission Line Tap to Carroll

Electric Cooperative's Washington Substation

This is to certify that the images appearing are an accurate and complete reproduction of a case file document delivered in the regular course of husiness. Tm Date Processed 12/18/2008 Technician

c) Location of proposed facilities:

The Project area is located approximately 1.3 miles east of the SR 171 and SR 9 intersection in Carrollton Village, Carroll County, Ohio.

d) Description of proposed facilities:

The Project involves installing two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation.

e) Applicant's representative:

Scott M. Humphrys, Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company

76 South Main Street Akron, OH 44308-1890

After docketing this filing, please return one time-stamped copy of the Letter of Notification for our records to us in the enclosed envelope. We have provided a copy of the Letter of Notification by certified mail, with return receipt requested, to each official of the political subdivisions immediately affected by the proposed project as listed in the attached Exhibit 1. Copies of the transmittal letters addressed to the local government representatives of the Carrollton Village and Carroll County are enclosed for your file.

Should the Ohio Power Siting Board desire further information or discussion of this submittal, please contact me at (330) 384-2526.

Sincerely

Scott M. Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company

2008 DEC 18 AM 9: 49

### PUCO

# AMERICAN TRANSMISSION SYSTEMS, INCORPORATED A SUBSIDIARY OF FIRSTENERGY CORP.

#### **LETTER OF NOTIFICATION**

## BURGER-KNOX 138 kV TRANSMISSION LINE TAP FOR THE CARROLL ELECTRIC COOPERATIVE INC.'S WASHINGTON SUBSTATION

OPSB CASE NO.: 08-<u>1307</u>-EL-BLN

**December 17, 2008** 

American Transmission Systems, Incorporated 76 South Main Street Akron, Ohio 44308

# LETTER OF NOTIFICATION BURGER-KNOX 138 kV TRANSMISSION LINE TAP FOR THE CARROLL ELECTRIC COOPERATIVE, INC.'S WASHINGTON SUBSTATION

The following information is being provided in accordance with the procedures delineated in Ohio Administrative Code Section 4906-11-01: <u>Letter of Notification Requirements</u> of the Rules and Regulations of the Ohio Power Siting Board.

#### 4906-11-01 (A) (1) a: Name and Reference Number

Name of Project:

Burger-Knox 138 kV Transmission Line Tap for the Carroll

Electric Cooperative Inc.'s Washington Substation Project

("Project")

2008 LTFR Reference:

This Project is not identified in FirstEnergy Corp.'s 2008

Electric Long-Term Forecast Report ("LTFR") submitted to

the Public Utility Commission of Ohio in Case Number

08-0504-EL-FOR.

#### 4906-11-01 (A) (1) b: Brief Description of Project

In this Project, American Transmission Systems, Incorporated ("ATSI"), a FirstEnergy Corp. subsidiary, is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

1

The general location of the Project is shown in Exhibit 1, which is a partial copy of the United States Geologic Survey, Carroll County Ohio Quad Map, ID number 40081-E1. Exhibit 2 shows the general layout of the proposed Project. The existing transmission line corridor consists of the Burger-Knox 138 kV Transmission Line supported on wood H-Frame structures that trends north to south, cross country in the Project area. The Burger-Knox 138 kV Transmission Line crosses State Route 171 (Cobbler Road) approximately 1.3 miles east of the SR 171 and SR 9 intersection.

The proposed Project is located in the vicinity of the existing transmission line H-Frame structures located north and south of County Route 71. As a part of installing the transmission line tap, two new switch structures will be installed to accommodate electrical switches, one north and south of CR 71. The new switch pole structures are shown in Exhibit 3 and Exhibit 4. Buckeye/Carroll plans to install a 138 kV transmission line on the south side of CR 71 that will pass under the section of the Burger-Knox 138 kV Transmission Line located between the new switch pole structures. The tap will be installed by connecting vertical conductors (or jumpers) between the two transmission lines at this location.

ATSI owns the existing Burger-Knox 138 kV transmission line and will own the new structures and switches and the associated hardware at the tap location. This Letter of Notification only describes ATSI's proposed facilities. Carroll Electric Cooperative, Inc. will own the line extension that extends from the tap connection to the Substation take-off structures in the Washington substation approximately 1.3 miles away.

# 4906-11-01 (A) (1) c: Why the Project Meets the Requirements for a Letter of Notification

The Project meets the requirements for a Letter of Notification because the Project is within the types of project defined by Items (4) (a) of the Application Requirement Matrix for Electric Power Transmission Lines in Appendix A of 4906-1-01 of the Ohio Administrative Code. This item states:

(4) Replacing electric power transmission line structure(s) with a different type of structure(s) or adding structure(s) within an existing electric power transmission line and:

(a) Two miles or less of new right-of-way is required.

The proposed Project includes installing two new switch structures to accommodate electrical switches, no new right-of-way is required.

#### 4906-11-01 (A) (2): Need for the Project

The proposed Project is needed to connect Buckeye/Carroll's Washington Substation to the transmission grid.

#### 4906-11-01 (A) (3): Location Relative to Existing or Proposed Lines

The location of the Project relative to existing or proposed transmission lines is shown in the FirstEnergy System Facilities map, included as the last page of Chapter 3 of the confidential portion of the FirstEnergy Corp. 2008 Long-Term Forecast Report submitted to the PUCO in case no. 08-504-EL-FOR under rules 4901:5-5:04 (C) of the Ohio Administrative Code. This map shows ATSI's 345 kV and 138 kV transmission lines and transmission substations, including the location of the Burger-Knox 138 kV Transmission Line. The project area is located approximately 9 ½ inches (11 by 17 inch printed version) from the left edge of the map box and 5 inches (11 by 17 inch printed version) from the bottom of the map box. The general location of the Project is shown on Exhibit No. 1. The general layout of the Project is shown in Exhibit No. 2.

#### 4906-11-01 (A) (4): Alternatives Considered

There were no other alternatives identified or considered.

#### 4906-11-01 (A) (5): Construction Schedule

Construction on the Project is expected to begin on approximately April 1, 2009 and is expected to be completed and placed in-service by June 1, 2009.

3

#### 4906-11-01 (A) (6): Area Map

Exhibit No. 1 is a map depicting the general location of the project site. To locate and view the project site from the Columbus, Ohio area, travel east on Interstate 70 for approximately 79 miles. Take exit 180 B to merge onto I-77 N toward Cleveland, for approximately 21 miles. Take exit 65 for US-36 toward Newcomerstown/Port Washington. Turn right at OH-36, and continue on OH/US 36 for approximately 14 miles. Continue on US-250E for approximately 1.2 miles. Turn left at OH-800/US-250 and follow US-250 about 1.2 miles. Turn left at Irish Run Road SE and go about 3.7 miles. Make a slight right at Highway 66/Roxford Church Road SE and continue to follow Highway 66 for 0.8 miles. Turn right at 38/Beans Road SE then turn left at Crum Road SE and proceed about 2.0 miles. Turn right at OH-39 and go about 14.7 miles. Turn left at North Lisbon St/OH-9 and continue to follow OH-9 for approximately 3.7 miles. Turn right at Cobbler Road NE and go about 1.3 miles. The Project area will be on the north and south sides of the road.

#### 4906-11-01 (B): Technical Features of the Project

#### 4906-11-01 (B) (1): Operating Characteristics

The new transmission line tap will be designed and constructed for 138 kV operations. The transmission line tap has the following characteristics:

Voltage:

138 kV

Conductor:

477 kcmil 24/7 ACSR (Existing)

Insulators:

Polymer 138 kV Horizontal Post, Suspension Insulators

Static Wire:

101.8 kemil 12/7 ACSR (Existing)

Structure types:

Exhibit No. 3 - Switch Structure

Exhibit No. 4 – Switch Structure

The proposed project is located within the existing 60 foot right-of-way of the Burger-Knox 138 kV Transmission Line and no new right-of-way is required.

#### 4906-11-01 (B) (2) a: Calculated Electric and Magnetic Fields

The following table itemizes the line loading of the Brookside-Cloverdale 138 kV
Transmission Line. The normal line loading represents FirstEnergy's peak system
load for the transmission line. The emergency line loading represents the maximum

line loading under contingency operation. The winter rating is based on the continuous maximum conductor ratings (MCR) of the circuits for an ambient temperature of zero degrees centigrade (32 deg. F), wind speed of 1.3 miles per hour, and a circuit design operating temperature of 100 degrees centigrade (212 deg. F).

Line Name	Normal Loading	Emergency	Winter Rating
	Amps	Loading Amps	Amps
Burger-Knox 138 kV Transmission Line Tap to Carroll Electric Cooperative's Washington Substation	190	328	531

The following EMF calculations were performed using the EPRI EXPOCALC program software. This program software assumes the input transmission line configuration is located on flat terrain. Also, a balanced, three-phase circuit loading is assumed for the transmission circuits. The model utilizes the normal, emergency, and winter rating of the tap. These calculations are for the Burger-Knox 138 kV Transmission Line only, and no modeling was done for the Buckeye Power/Carroll Electric Cooperative line.

EMF	CALCULATIONS	Electric Field kV/meter	Magnetic Field mGauss
Normal Loading	Under Lowest Conductors	0.48	11.59
	At Right-of-Way Edges	.09/.38	2.16/5.67
Emergency Loading	Under Lowest Conductors	0.48	20.02
	At Right-of-Way Edges	.09/.38	3.73/9.79
Winter Rating	Under Lowest Conductors	0.48	32.40
	At Right-of-Way Edges	.09/.38	6.04/15.85

#### 4906-11-01 (B) (2) b: EMF Discussion

#### Background Information

Electric and magnetic fields (EMFs) are naturally occurring in the environment and can be found in the Earth's interior and in the human body. EMFs are generated essentially anywhere there is a flow of electricity, including electrical appliances and power equipment. Electric fields are associated with the voltage of the source;

magnetic fields are associated with the flow of current in a wire. The strength of these fields decreases rapidly with distance from the source. EMFs associated with electricity use are not disruptive to cells like x-rays or ultraviolet rays from the sun. These fields are thought to be too weak to break molecules or chemical bonds in cells. Extensive research has been conducted over the past three decades to determine whether EMFs are associated with adverse health effects. A number of independent scientific panels have reviewed the research and have stated that there is no basis to conclude that EMFs cause adverse health effects nor has it been shown that levels in everyday life are harmful.

#### Recent Developments

As a part of the National Energy Policy Act of 1992, the Electric and Magnetic Fields Research and Public Information Dissemination (EMF RAPID) program was initiated within the five-year effort under the National EMF Research Program. The culmination of this five-year effort resulted in a final RAPID Working Group report, which was released for public review in August 1998. The Director of the National Institutes of Environmental Health Sciences (NIEHS) then prepared a final report to Congress after receiving public comments.

The NIEHS' Director's final report, released to Congress on May 4, 1999, concluded that extremely low frequency electric and magnetic fields (ELF-EMF) exposure cannot be recognized at this time as entirely safe because of weak scientific evidence that exposure may pose a leukemia hazard. The Director further stated that the conclusion of this report is insufficient to warrant aggressive regulatory concern. The results of more recent studies continue to provide varied results and have not significantly advanced or eliminated EMF related health concerns.

#### Sources for Additional Information

The following websites sponsored by federal agencies or other organizations provide additional information on EMF:

 Centers for Disease Control/National Institute for Occupational Safety and Health: <a href="http://www.cdc.gov/niosh/topics/emf/">http://www.cdc.gov/niosh/topics/emf/</a> • National Institute of Environmental Health Sciences (NIEHS) EMF Rapid Program: http://www.niehs.nih.gov/emfrapid/home.htm

#### 4906-11-01 (B) (3): Estimated Costs

The estimated capital costs by FERC Accounts for the proposed Project are:

Account	Cost
350 Land Rights	\$ 0
355 Poles and Fixtures	\$ 33,000
356 Overhead Conductors & Devices	\$ 35,000
Removal	\$ 2,000
Total	\$ 70,000

#### 4906-11-01 C: Socioeconomic Data

#### 4906-11-01 (C) (1): Land Use

The Project area is located within an existing transmission line corridor. Neighboring land use in the area of the proposed Project includes agricultural, some residential and forested areas. Based on the U.S. Bureau of Census estimates, the 2000 population of Carrollton Village was 488, and Carroll County, Ohio was 28,836.

#### 4906-11-01 (C) (2): Agricultural Land

The Project is located in an existing transmission line right-of-way that is currently not used for agricultural purposes. Agricultural land will not be adversely impacted by the proposed project.

#### 4906-11-01 (C) (3): Archaeological or Cultural Resources

As part of ATSI's investigation of the project site, a search of the Ohio Historic Preservation Office (OHPO) National Register of Historic Places on-line database was conducted. This search did not identify the existence of any historic sites within the project area. Properties in the OHPO database include all Ohio listings on the National Register of Historic Places as well as districts, sites, buildings, structures, and objects

that are significant in American history, architecture, archeology, engineering, and culture.

#### 4906-11-01 (C) (4) a: Documentation of Letter of Notification Transmittal

This Letter of Notification is being provided concurrently to the following officials of Carrollton Village and Carroll County, Ohio.

#### **Carrollton Village**

The Honorable Dave Flanary Mayor, Village of Carrollton 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615

Mr. Robert Dunlap President Pro-Tem, Carrollton Village Council 1345 Meadowbrook Lane Carrollton, OH 44615 Ms. Judi Noble Clerk-Treasurer, Village of Carrollton 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615

#### **Carroll County**

The Honorable Larry W. Garner President, Carroll County Board of Commissioners 119 South Lisbon Street Carrollton, OH 44615

The Honorable Robert D. Herron Carroll County Commissioner 119 South Lisbon Street Carrollton, OH 44615 The Honorable Thomas A. Wheaton Carroll County Commissioner 119 South Lisbon Street Carrollton, OH 44615

Mr. David A. Miskimen, P.E., P.S. Carroll County Engineer 200 Kensington Road N.E. Carrollton, OH 44615

Copies of the transmittal letters to these officials have been included with the transmittal letter submitting this Letter of Notification to the Ohio Power Siting Board.

#### 4906-11-01 (C) (4) b: Public Information Program

Mr. Scott Humphrys, an Associate Distribution Specialist with the FirstEnergy Service Company, is available to provide information and respond to questions on this project. He may be reached by phone at 330-384-2526 or by mail at the FirstEnergy Service Company, 76 South Main Street, Akron, OH 44308.

#### 4906-11-01 (C) (5): Current or Pending Litigation

There is no known current or pending litigation involving this Project.

#### 4906-11-01 (C) (6): Local, State, and Federal Requirements

There are no known local, state, or federal requirements that must be met prior to commencement of construction on the proposed transmission line Project.

#### 490<u>6-11-01</u> (D): Environmental Data

#### 4906-11-01 (D) (1): Endangered, Threatened, and Rare Species Investigation

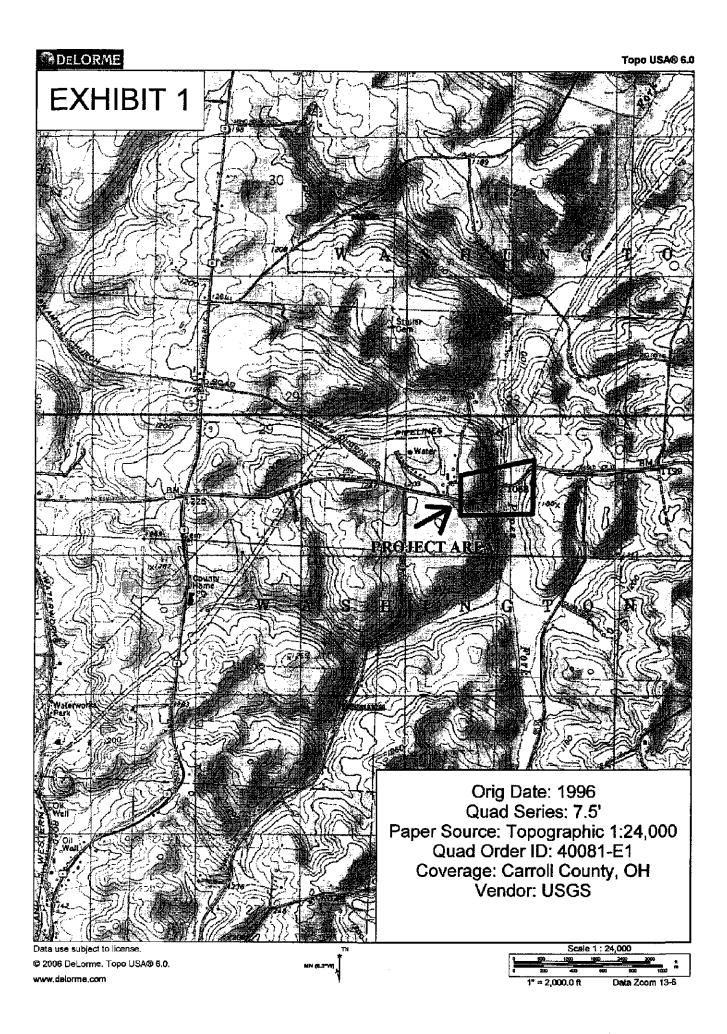
A written request was submitted to the Ohio Department of Natural Resources (ODNR) on September 30, 2008 to research the presence of any endangered, threatened, or rare species within the Project area. The ODNR's response of October 15, 2008, attached as Exhibit No. 5 indicated that they have no records of rare or endangered species within one half mile of the identified Project area.

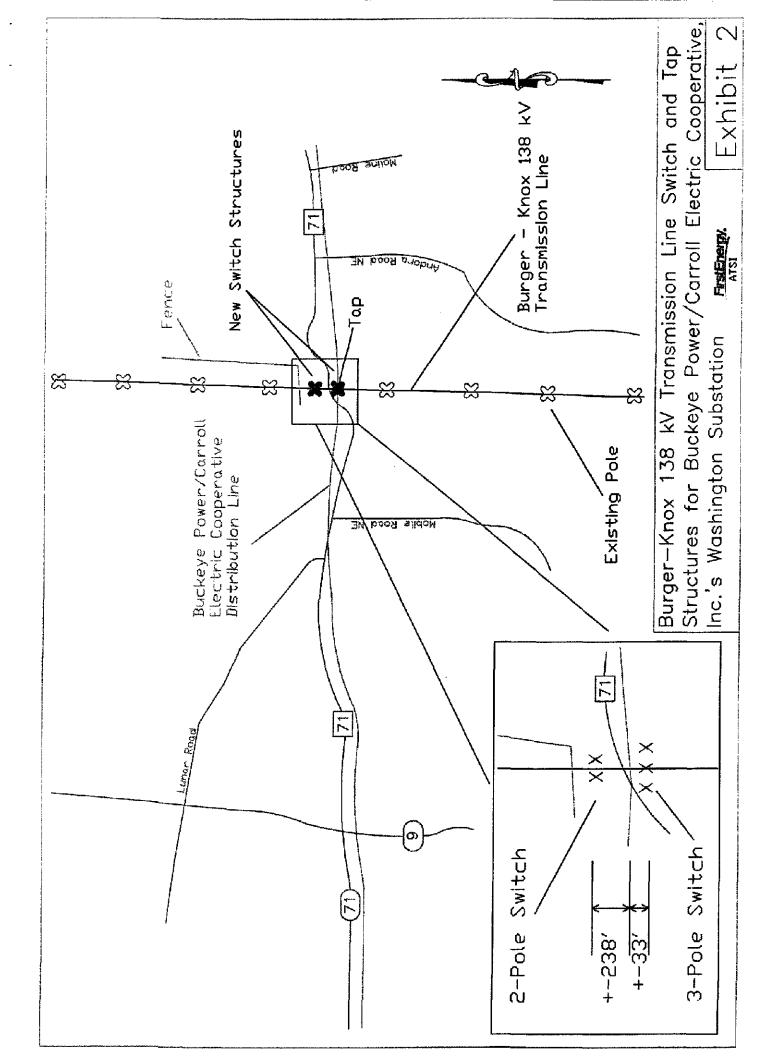
#### 4906-11-01 (D) (2): Areas of Ecological Concern

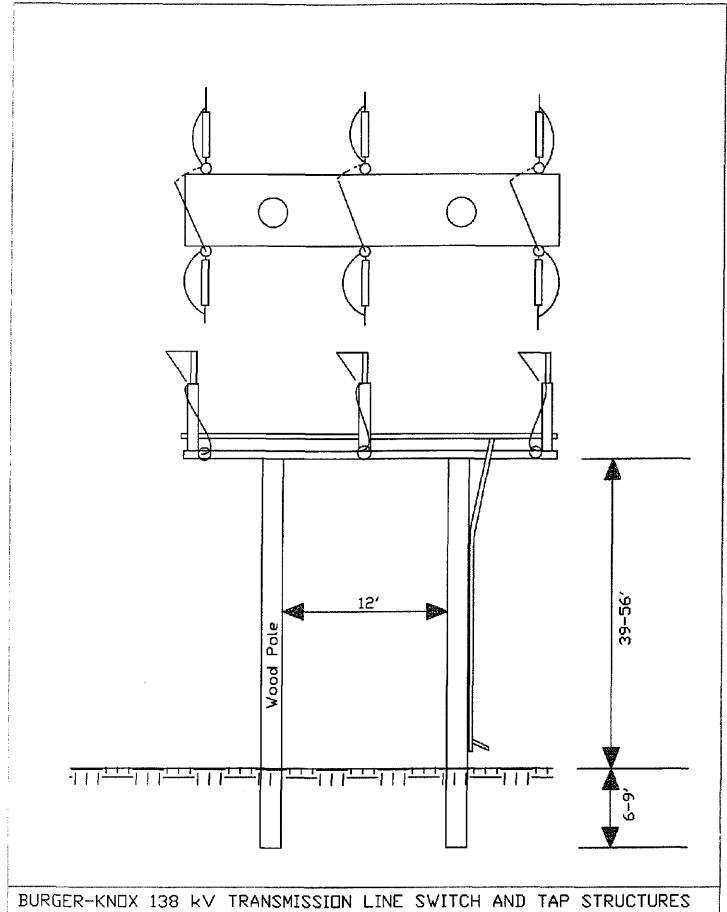
A visual assessment of the Project area did not identify any areas of ecological concern in immediate vicinity of the Project.

#### 4906-11-01 (D) (3): Additional Information

Construction and operation of the proposed Project will be in accordance with the requirements specified in the latest revision of the NESC as adopted by the PUCO and will meet all applicable safety standards established by OSHA.



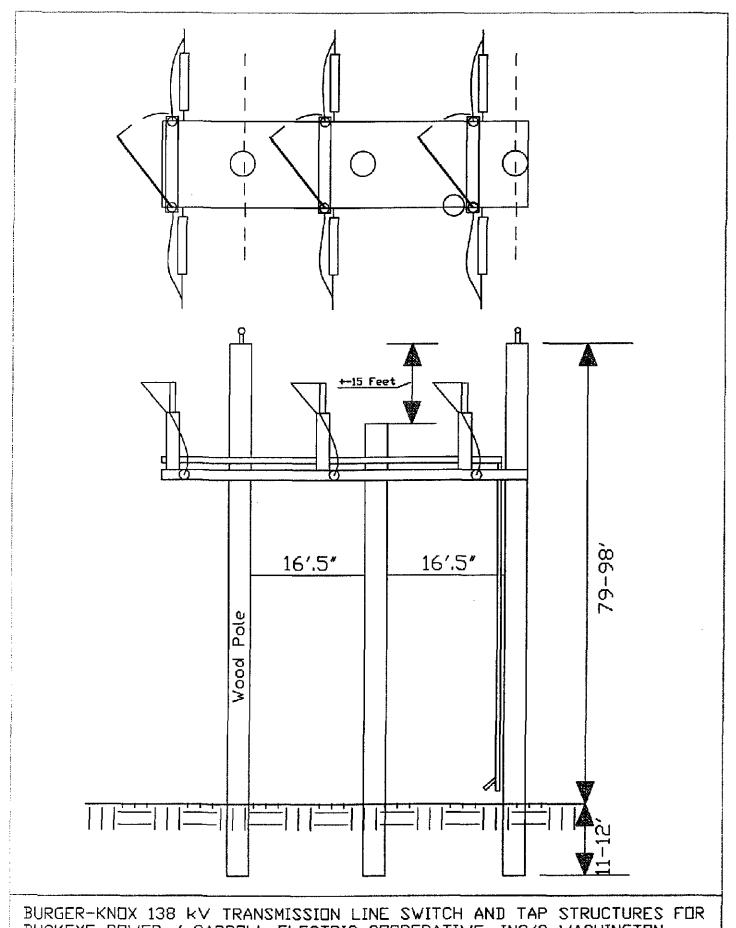




BURGER-KNOX 138 kV TRANSMISSION LINE SWITCH AND TAP STRUCTURES FOR BUCKEYE POWER/CARROLL ELECTRIC COOPERATIVE, INC'S WASHINGT SUBSTATION-- 2 POLE SWITCH STRUCTURE

ATSI

EXHIBIT 3



BURGER-KNOX 138 kV TRANSMISSION LINE SWITCH AND TAP STRUCTURES FOR BUCKEYE POWER / CARROLL ELECTRIC COOPERATIVE, INC.'S WASHINGTON SUBSTATION -- 3 POLE

SWITCH STRUCTURE

ATSI

FXHIBIT 4

**EXHIBIT** 



## Ohio Department of Natural Resources

TED STRICKLAND, GOVERNOR

SEAN D. LOGAN, DIRECTOR

Division of Natural Areas & Preserves Steven D. Maurer, Chief 2045 Morse Road, F-1 Columbus, OH 43229-6693 Phone: (614) 265-6453 Fax: (614) 267-3096

October 15, 2008

Scott Humphrys First Energy Service Corporation 76 South Main St. Akron, OH 44308

Dear Mr. Humphrys:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has no records of rare or endangered species near the First Energy Service Corporation Burger-Knox 138kV Transmission Line Tap to the Carroll Electric Cooperative's Washington Substation project. The site is located in Sec. 23, Washington Twp., Carroll Co., Carrollton Quadrangle.

There are no existing or proposed state nature preserves at the project site. We are also unaware of any unique ecological sites, geologic features, breeding or non-breeding animal concentrations, state parks, state forests, scenic rivers, or wildlife areas within the project area.

Our inventory program has not completely surveyed Ohio and relies on information supplied by many individuals and organizations. Therefore, a lack of records for any particular area is not a statement that rare species or unique features are absent from that area. Although we inventory all types of plant communities, we only maintain records on the highest quality areas.

Please contact me at (614) 265-6409 if I can be of further assistance.

Sincerely,

Butch Grieszmer, Data Specialist

Resource Services Group

# EXHIBIT 1 OFFICIALS SERVED COPY OF LON

#### Burger-Knox 138 kV Transmission Line Tap for the Carroll Electric Cooperative, Inc. Washington Substation

#### Carrollton Village

The Honorable Dave Flanary Mayor, Village of Carrollton 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615

Mr. Robert Dunlap President Pro-Tem, Carrollton Village Council 1345 Meadowbrook Lane Carrollton, OH 44615 Ms. Judi Noble Clerk-Treasurer, Village of Carrollton 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615

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Mr. David A. Miskimen, P.E., P.S. Carroll County Engineer 200 Kensington Road N.E. Carrollton, OH 44615



The Honorable Dave Flanary Mayor, Carrollton Village 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615 December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Flanary,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company



Mr. Robert Dunlap
President Pro-Tem, Carrollton Village Council
1345 Meadowbrook Lane
Carrollton, OH 44615

December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Dunlap,

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company



Ms. Judi Noble Clerk-Treasurer, Carrollton Village 80 2<sup>nd</sup> Street S.W. Carrollton, OH 44615 December 17, 2008

Letter of Notification

Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's

Washington Substation
Case No. 08- -EL-BLN

Dear Ms. Noble,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

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Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company



The Honorable Larry W. Garner
President, Carroll County Board of Commissioners
119 South Lisbon Street
Carrollton, OH 44615

December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Garner,

In the above captioned project, American Transmission Systems, Inc. ("ATSP"), a subsidiary of FirstEnergy Corp., is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

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Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company



1-800-533-4766

The Honorable Robert D. Herron Carroll County Commissioner 119 South Lisbon Street Carrollton, OH 44615 December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Herron,

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Sincerely,

Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company



The Honorable Thomas A. Wheaton Carroll County Commissioner 119 South Lisbon Street Carrollton, OH 44615 December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Wheaton,

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I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely,

Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company

Mr. David A. Miskimen, P.E., P.S. Carroll County Engineer 200 Kensington Road N.E. Carrollton, OH 44615

December 17, 2008

Letter of Notification
Burger-Knox 138 kV Transmission Line Tap to
Carroll Electric Cooperative's
Washington Substation
Case No. 08- -EL-BLN

Dear Mr. Miskimen,

In the above captioned project, American Transmission Systems, Inc. ("ATSI"), a subsidiary of FirstEnergy Corp., is proposing to install two new transmission line switch structures in the existing Burger-Knox 138 kV Transmission Line and a connection to a Carroll Electric Cooperative Inc. transmission line. This Project will facilitate Buckeye Power and Carroll Electric Cooperative, Inc.'s ("Buckeye/Carroll") extension of a 138 kV transmission line from ATSI's Burger-Knox 138 kV Transmission Line to the Carroll Electric Cooperative, Inc.'s Washington Substation. The Project is located approximately 1.3 miles east of the intersection of SR 171 and SR 9, in Carrollton Village, Carroll County, Ohio.

In accordance with the provisions of Ohio Administrative Code ("OAC") Rule 4906-1-01, this project falls within the Ohio Power Siting Board's requirements for a Letter of Notification ("LON"). Therefore, in compliance with OAC 4906-11-01 of the OPSB's Rules and Regulations, we have prepared and filed the attached LON with the OPSB for their review and approval. The LON contains a description of the project, and is provided for your information.

I will be happy to answer your questions concerning this matter. You can contact me at (330) 384-2526.

Sincerely.

Scott Humphrys

Associate Distribution Specialist Energy Delivery Technical Services FirstEnergy Service Company