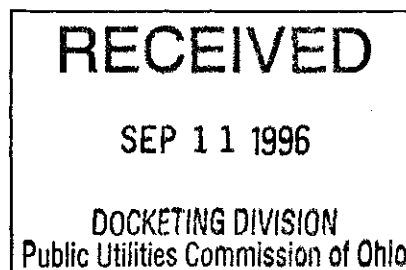




CERTIFIED

September 11, 1996

Mr. Craig A. Glazer, Chair
State of Ohio
Public Utilities Commission
180 East Broad Street
Columbus, OH 43266-0573



Letter of Notification
Conesville - Kirk 138 kV kV Line
Tap to Newark Center

0001

96 976-EL-BLN

Dear Mr. Glazer:

In accordance with Chapter 4906-15-12 of the Power Siting Board Rules and Regulations, Columbus Southern Power hereby submits a Letter of Notification for the proposed Conesville - Kirk 138 kV Line, Tap to Newark Center. Enclosed are one original and 11 copies of the Letter of Notification.

As requested by Rule 4906-15-12(C)(9), we have submitted a copy of this Letter of Notification to the political subdivisions immediately affected by the proposed project. Copies of the Letter of Notification have been sent by Certified Mail to the Licking County Commissioners and the Franklin Township Trustees. The cover letter accompanying these mailings is attached for your file.

Cordially,

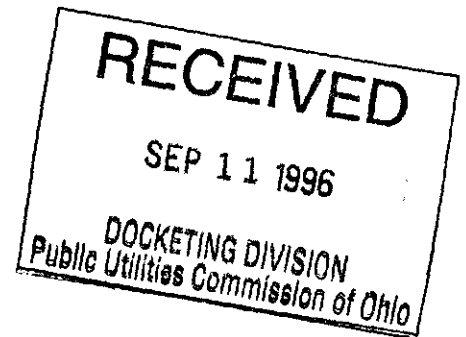
J E Schrader

J. E. Schrader
Transmission Line Engineering

Enclosures

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 business.
Technician *Joan K. Huxley* Date Processed *9-12-96*

Letter of Notification
for the
Conesville - Kirk 138 kV Line
Tap to Newark Center



Submitted by
Columbus Southern Power Company

to

The State of Ohio Power Siting Board
1996

Section 15-12

LETTER OF NOTIFICATION

Pursuant to Rule 4906-15-12(C) of the State of Ohio Power Siting Board Rules and Regulations, Columbus Southern Power Company hereby submits the following information:

4906-15-12(C)

(1) Project Name and Reference Number

The name of this project is the Conesville - Kirk 138 kV Line, tap to Newark Center. This project is identified in Ohio Power and Columbus Southern Power Company's 1996 Long-Term Forecast Report as CS-P14.

(2) (a) Description of this Project

This project consists of tapping the Conesville - Kirk 138 kV (138-86) transmission line and constructing approximately 0.1 miles of double circuit 138 KV line to serve Ohio Power's Newark Center Station. One steel tap tower will be constructed and an existing steel tower will be removed. The proposed line will utilize six (6) 1,272,000 ACSR (45/7) conductors, one (1) 7#8 Alumoweld overhead groundwire, and one (1) steel tap tower. The proposed tap tower and lines will be constructed on property owned by Ohio Power.

OHIO POWER COMPANY
Letter of Notification
Conesville - Kirk 138kv Line
Tap to Newark Center

(2) (b) Maps Depicting Project Location

Three maps have been prepared showing the project location. Map 1 and 2, the General Location Maps, indicates the area and existing electrical facilities surrounding the project. Map 3, the Detail Site Map, shows the specific location of the proposed line and structures.

(2) (c) Need for the Project

To insure service reliability and to provide for system reinforcement to the Newark load area, Ohio Power plans to extend the existing Conesville - Kirk 138 kV Line into Ohio Power's Newark Center distribution station located southeast of Newark, Ohio, as shown on Maps 1, 2 and 3.

(2) (d) Reason the Project Meets Letter of Notification Requirements

This project meets the requirements for a Letter of Notification because the extent of this project is defined by Items 1(d), of Rule 4906-1-01(U), the Transmission Line Matrix. This project consists of constructing a line which is greater than 125 KV but less than 300 KV and not greater than 2 miles in length.

(3) Project Location Relative to Existing or Proposed Lines

The location of the Conesville - Kirk 138 kV Line Tap to Newark Center in relation to existing and

OHIO POWER COMPANY
Letter of Notification
Conesville - Kirk 138kv Line
Tap to Newark Center

proposed Transmission Lines is shown on Maps 1 and 4. Map 4 is a reduced copy of Columbus Southern Power Company's Transmission System as of December 31, 2006, as submitted to the Public Utility Commission of Ohio in our 1996 Long-Term Forecast Report. The proposed 138 KV project has been circled for easy identification.

(4) Reference in the Long-Term Forecast

This project is referenced in Columbus Southern Power Company's 1996 Long-Term Forecast Report as project CS-P14

(5) Anticipated Construction Schedule

Construction of the new line is expected to begin in December, 1996. This project is scheduled to be completed and placed in service by January, 1997.

(6) Description of Technical Features

The proposed line will be designed for and operated at 138 kV. Figures 1 depicts the proposed tap tower to be installed. An existing steel tower adjacent to the tap tower will be removed. Six (6) 1,272,000 cm ACSR (45/7) conductors will be installed from the tap tower to Ohio Power's existing Newark Center distribution station. The proposed tap tower and line is on property owned by Ohio Power.

(6) (a) Calculated Electric and Magnetic Field Levels

OHIO POWER COMPANY
Letter of Notification
Conesville - Kirk 138kv Line
Tap to Newark Center

(6) (b) Discussion of Design Alternatives

The existing Newark distribution station is located only 500' from the existing Conesville - Kirk 138 kV Line. Since only a single span between the tap tower and station is required, no alternatives are available. The final design involves installing a new steel tap tower approximately 60' away from an existing tower. The existing tower will be removed.

(7) Estimated Capital Costs

The following estimated 1996 capital costs for the proposed project have been tabulated by the Federal Energy Regulatory Commission (FERC) Electric Plant Transmission Accounts:

<u>FERC Accounts</u>	<u>Estimated Capital Costs</u>
354 Towers and Fixtures	\$208,000
356 Overhead Conductors and Devices	<u>\$ 81,000</u>
Total	\$289,000

(8) Land Use

This transmission line is located in Franklin Township, Licking County, Ohio. The immediate project is on land owned by Ohio Power for use by electrical facilities. This land was originally purchased by Ohio Power in 19xx. The project is within one population area. Based on the 1,000 feet corridor requirement and 1990 U.S.

OHIO POWER COMPANY
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Census, the theoretical population index of the line is 6.7 persons.

(9) Local Officials to be Notified

Copies of this Letter of Notification have been sent by certified mail to the Licking County Commissioners and Franklin Township Trustees. Copies of the cover letters to these officials are attached.

(10) Additional Information

There are no unusual conditions which will result in significant environmental or social impacts from the installation and operation of this proposed 138 KV circuit.

(11) Location and Description of Existing Agricultural Districts

The line is not within the limits of an Agricultural District as defined by Chapter 929 of the Ohio Revised Code.

(12) Area Map and Project Location

Three maps have been prepared showing the project location. Map 1 and 2, General Location Maps, indicates the area and existing electrical facilities surrounding the project. Map 3, the Detail Site Map, shows the specific location of the proposed line and structures.

To view this project take County Road 314 (Blue Jay Road) southeast out of Newark for approximately two miles. Near the intersection County Road 314 and Township

OHIO POWER COMPANY
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Road 320 (Beal Road) is Newark Center Station. The project area is located south of the existing station.

(13) Archaeological and Cultural Resources

The Ohio Historical Society was contacted regarding the possible presence of archaeological or historical resources which could be affected by this project. They found no known archaeological or historic resource which could be affected by this project. A copy of the response from the Ohio Historical Society is attached for your reference.

(14) Endangered or Threatened Species

The United States Department of the Interior's Fish and Wildlife Service, the Ohio Department of Natural Resources' Division of Wildlife, and the Ohio Department of Natural Resources' Division of Natural Areas and Preserves were all contacted regarding the presence of any endangered, threatened, or rare species which may be affected by this project. None of these three organizations could find any evidence or records of endangered or threatened species located within or affected by the proposed project. A copy of the responses from the U.S. Fish and Wildlife Service, ODNR Division of Wildlife, and the ODNR Division of Natural Areas and Preserves are attached for your reference.

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(15) Areas of Ecological Concern

The Huntington District of the United States Army Corps of Engineers and the Ohio Department of Natural Resources were contacted regarding the presence of areas of ecological concern. Neither agency indicated any areas of ecological concern. A copy of the responses from the Army Corps of Engineers, and the Ohio Department of Natural Resources are attached for your reference.

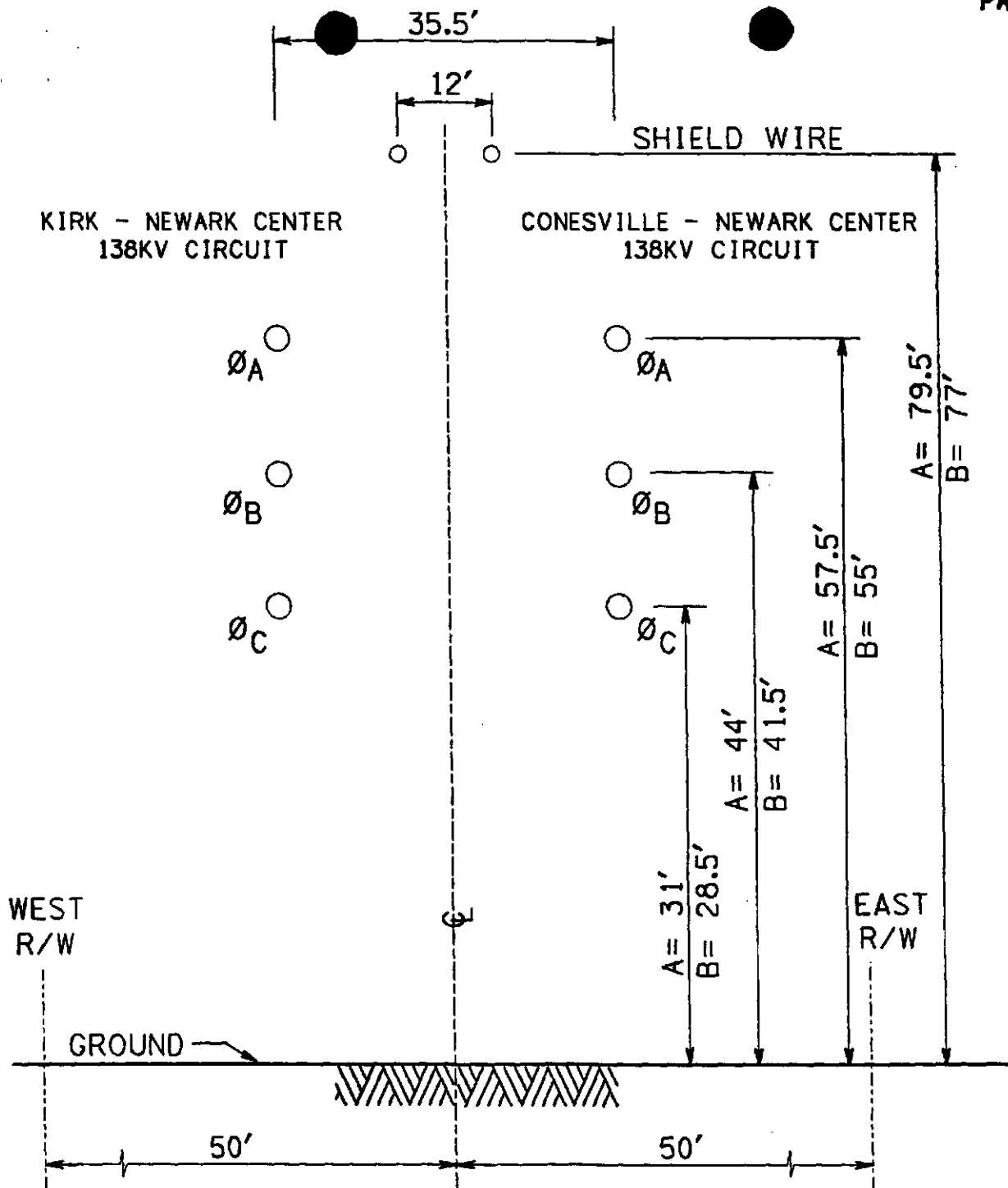
(16) Local, State and Federal Requirements

This line will be designed, constructed, and operated to meet or exceed the requirements of the National Electrical Safety Code, Columbus Southern Power Company safety and design standards, and all applicable OSHA standards. No permits are required from the Ohio Department of Transportation or the Army Corps of Engineers.

(17) Current or Pending Litigation

The entire project is on land owned by Ohio Power. No new right of way is required. There is no current litigation involving this project and none is expected.

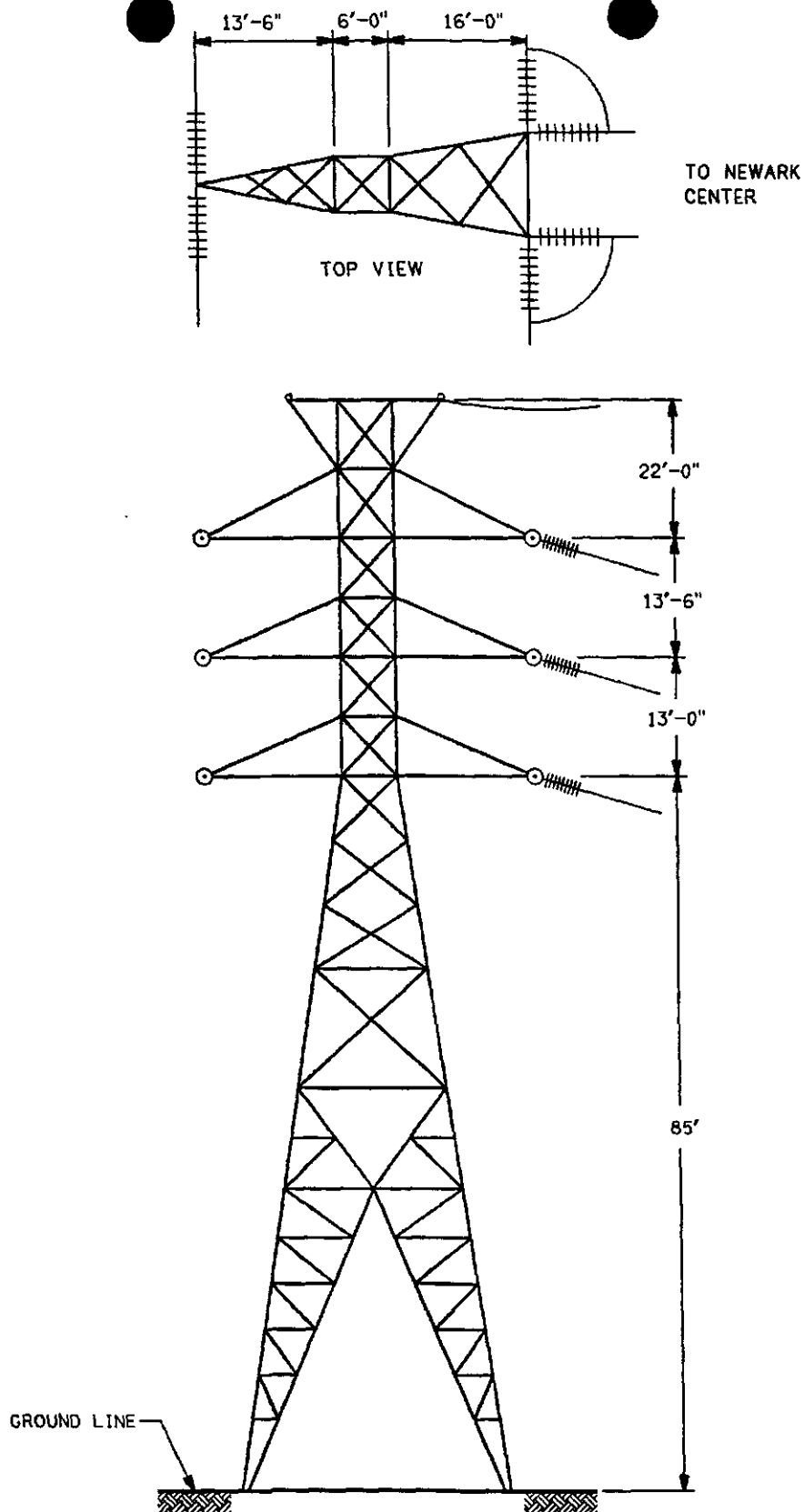
OHIO POWER COMPANY
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DIMENSION 'A' - DOUBLE CIRCUIT - VERT. CONFIGURATION (UNDER EMERGENCY & NORMAL MAX. LINE LOADING)

DIMENSION 'B' - DOUBLE CIRCUIT - VERT. CONFIGURATION (UNDER WINTER NORMAL CONDUCTOR RATING)

AEP	AMERICAN ELECTRIC POWER
CONESVILLE - KIRK 138KV LINE TAP TO NEWARK CENTER LATTICE TOWER (STEEL) TANGENT STRUCTURE 15-12 (c)(2)(a)	
NOT TO SCALE	FIGURE 2



AEP

AMERICAN ELECTRIC POWER

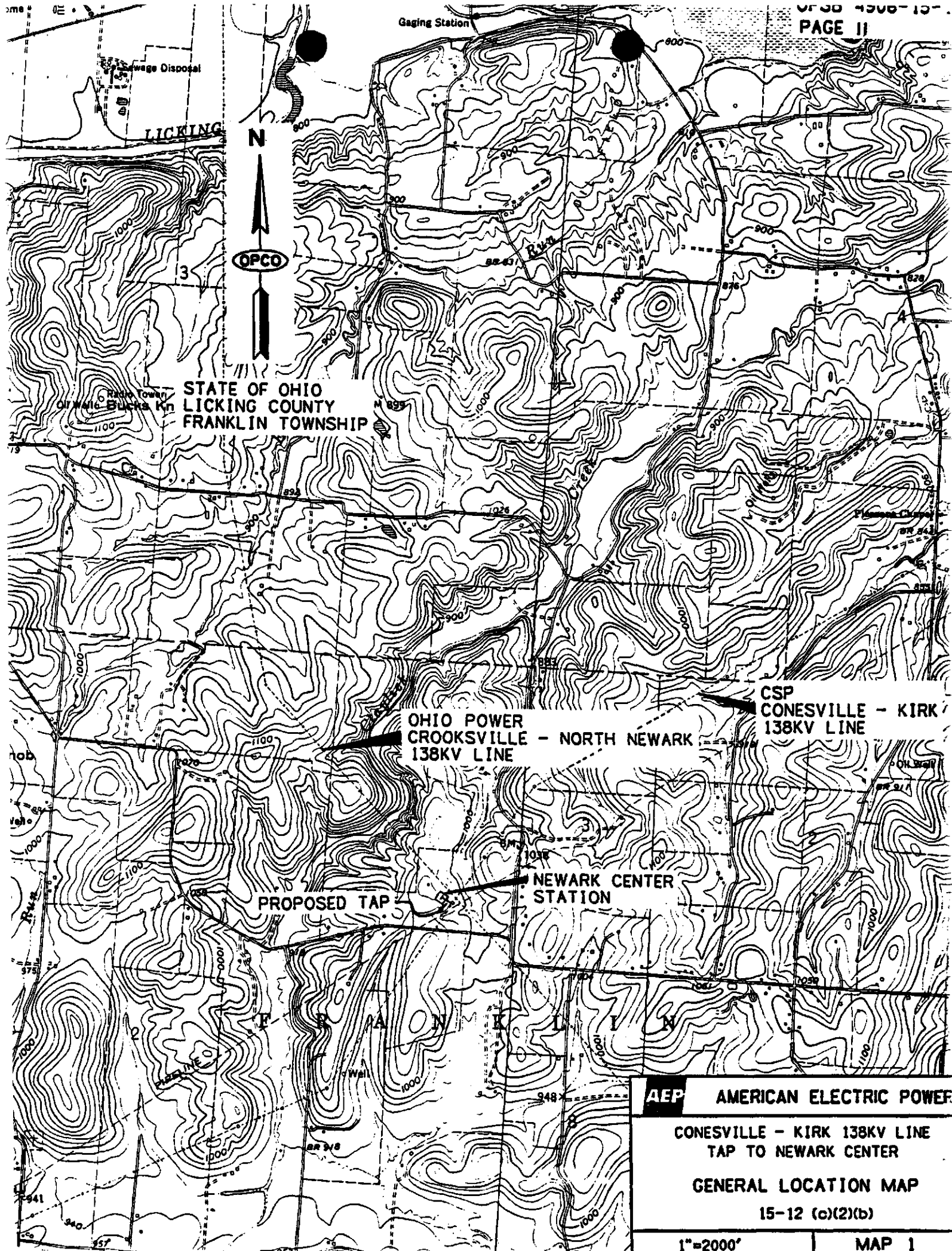
CONESVILLE - KIRK 138KV LINE
TAP TO NEWARK CENTER

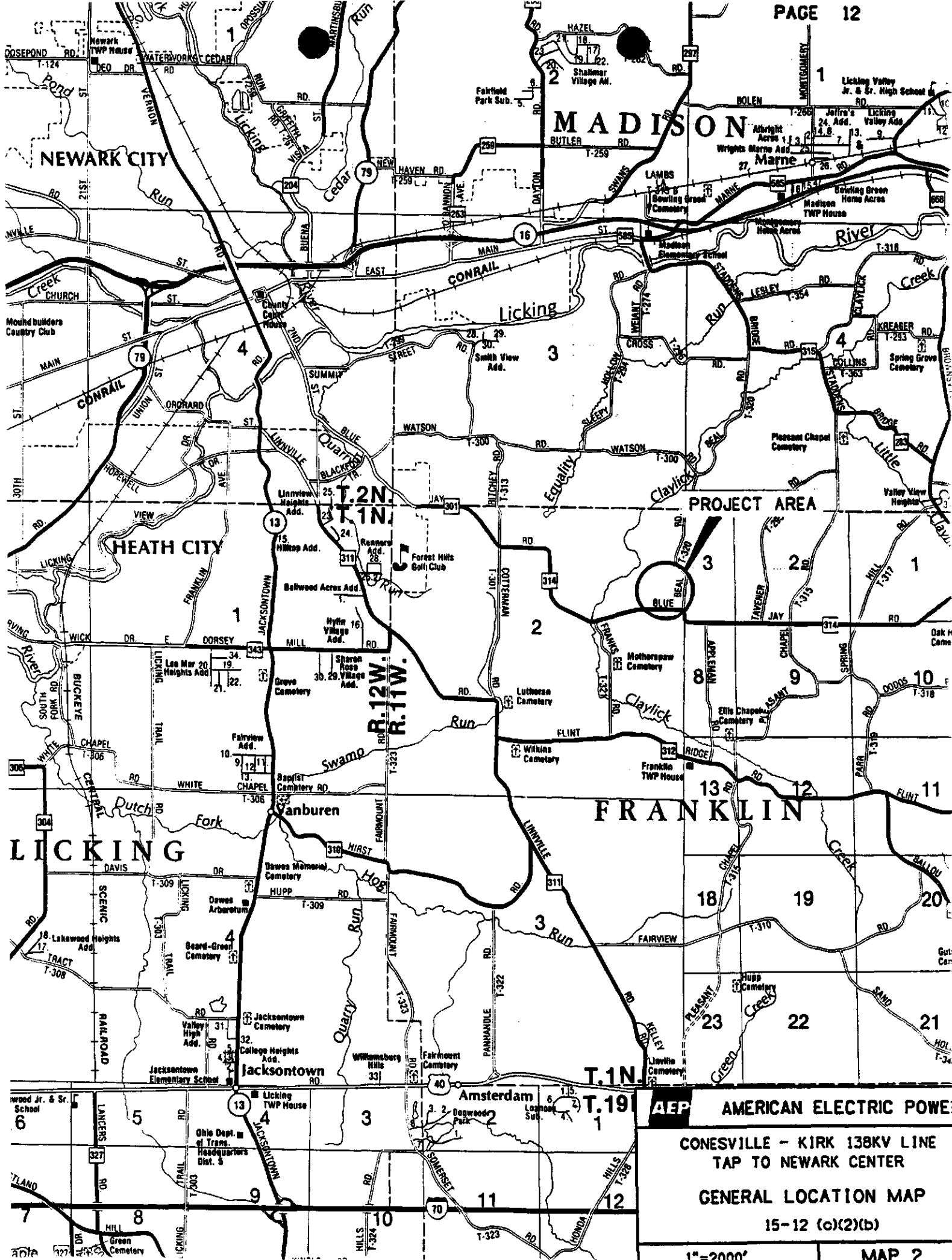
STEEL TOWER
TAP STRUCTURE

15-12 (c)(6)

NOT TO SCALE

FIGURE 1





AEP AMERICAN ELECTRIC POWER

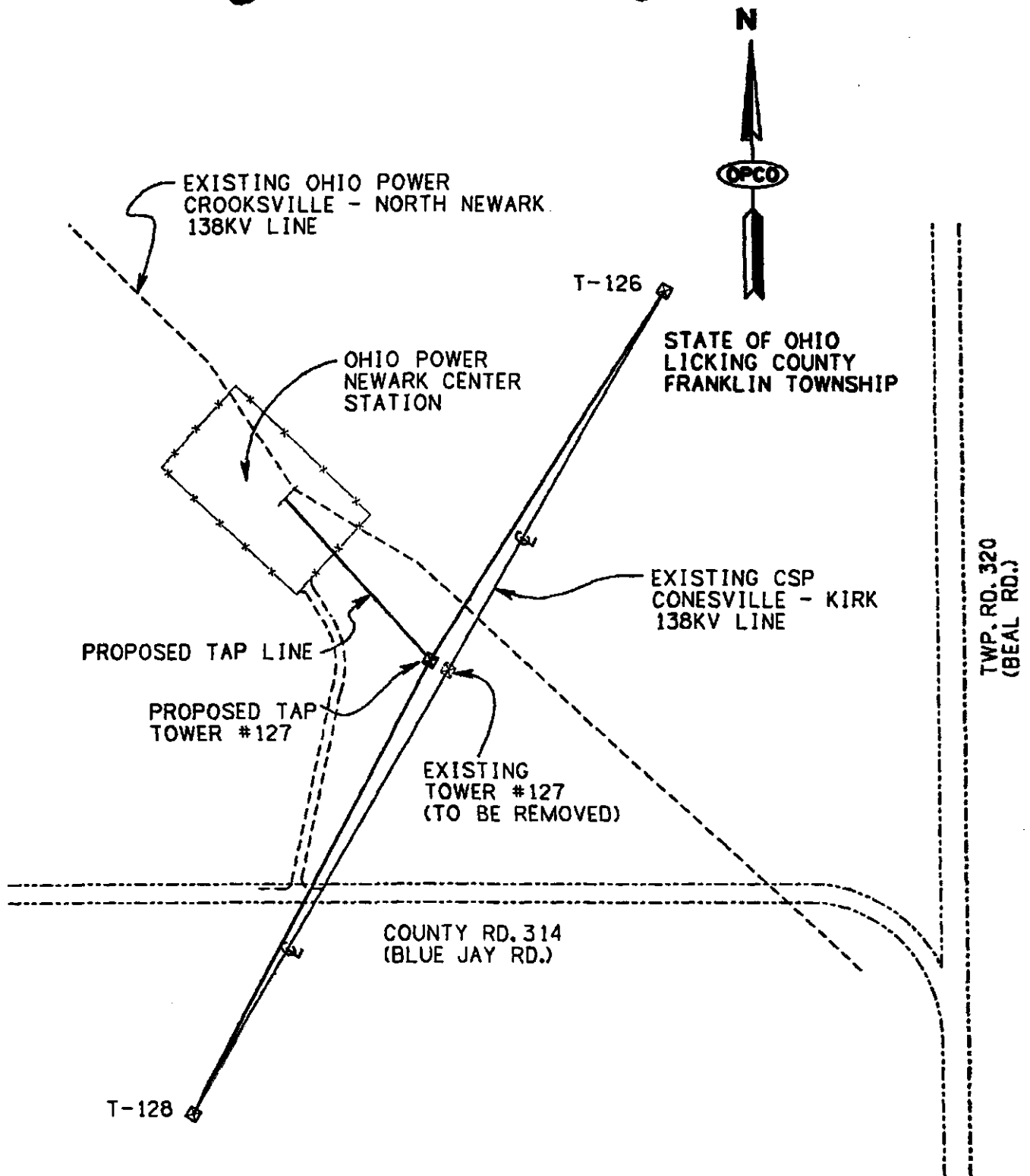
**CONESVILLE - KIRK 138KV LINE
TAP TO NEWARK CENTER**

GENERAL LOCATION MAP

15-12 (c)(2)(b)

1"=2000'

MAP 2



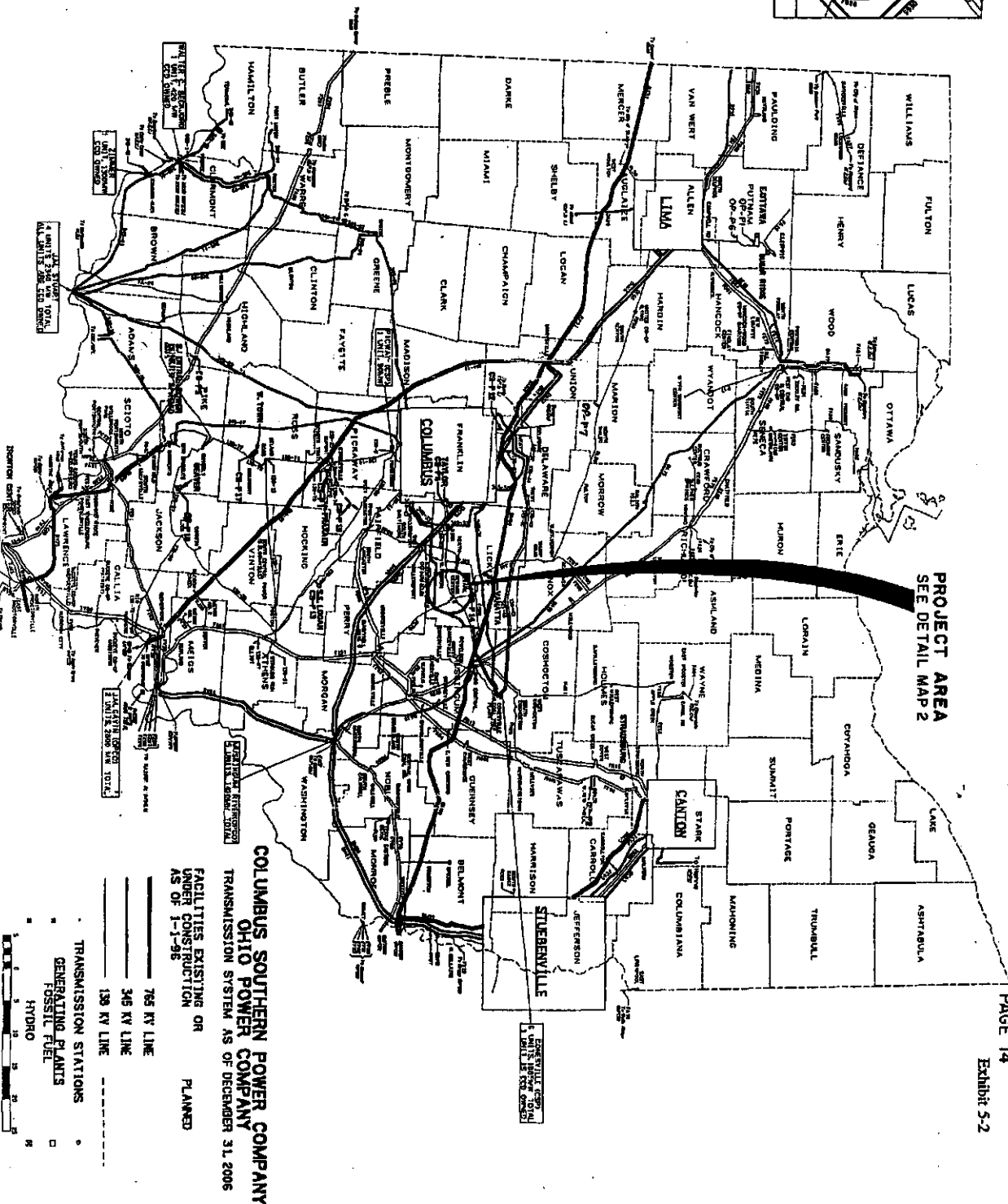
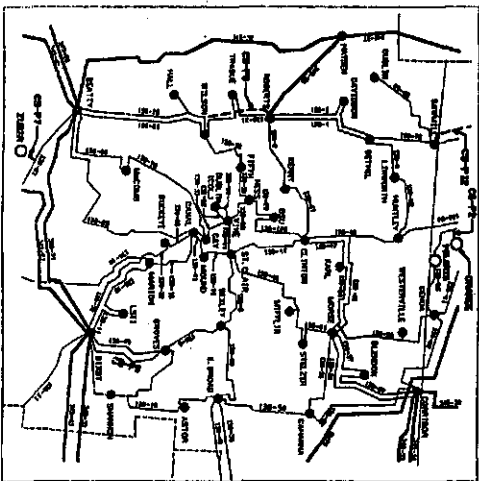
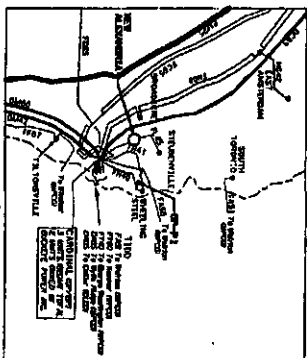
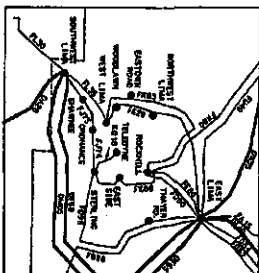
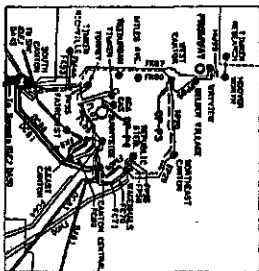
AEP

AMERICAN ELECTRIC POWER

CONESVILLE - KIRK 138KV LINE
TAP TO NEWARK CENTER

DETAIL SITE MAP

15-12 (C)(2)(b)





George V. Voinovich • Governor
Donald C. Anderson • Director

August 8, 1996

John Heppner
Transmission Line Engineering
American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373

Dear Mr. Heppner:

After reviewing our Natural Heritage maps and files, I find the Division of Natural Areas and Preserves has no records of rare species in the 138 kV transmission line to serve Newark Center Station project area, Franklin Township, Licking County.

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

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 site. Please note that we inventory only high-quality plant communities and do not maintain an inventory of all Ohio wetlands.

Please contact me at 614-265-6818 if I can be of further assistance.

Sincerely,

Debbie Woischke, Ecological Analyst
Division of Natural Areas & Preserves

Ohio Historic Preservation Office

567 East Hudson Street
Columbus, Ohio 43211-1030
614/297-2470
Fax: 297-2496



OHIO
HISTORICAL
SOCIETY
SINCE 1885

August 30, 1996

John Heppner - Transmission Line Engineering
American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373

Dear Mr. Heppner:

RE: New Tap Tower for 138 kV Transmission Line, Franklin Township, Licking County

This is in response to your correspondence received August 7, 1996 concerning the proposed construction and replacement of a tap tower 138 kV transmission line project. Our comments are submitted in accordance with the provisions of Section 106 of the National Historic Preservation Act, as amended (36 CFR 800).

My staff has reviewed this project. It is our opinion that the project will have no effect on any historic properties listed or eligible for the National Register of Historic Places. No further coordination is required for this project unless the scope of the work changes or archaeological remains are discovered during the course of the project. In such a situation, this office must be contacted as per 36 CFR 800.11.

If you have any questions concerning this project, please contact Todd Tucky at (614) 297-2470, between the hours of 8 am. to 5 pm. Thank you for your cooperation.

Sincerely,

Martha J. Raymond, Department Head
Technical and Review Services

MJR/TMT:tt



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Ecological Services
6950-H Americana Parkway
Reynoldsburg, Ohio 43068

IN REPLY REFER TO:

614) 469-6923/FAX (614) 469-6919
August 30, 1996

John R. Heppner
American Electric Power
1 Riverside Plaza
Columbus, OH 43215-2373

Dear Mr. Heppner:

This is in response to your August 6, 1996 letter requesting our comments regarding the possibility of Federally-listed threatened and endangered species occurring on a site where an existing tower would be removed, and a new tap tower would be constructed in Franklin Township, Licking County, Ohio.

ENDANGERED SPECIES COMMENTS: The proposed project lies within the range of the Indiana bat (Myotis sodalis), a Federally listed endangered species. Summer habitat requirements for the species are not well defined but the following are thought to be of importance:

1. Dead trees and snags along riparian corridors especially those with exfoliating bark or cavities in the trunk or branches which may be used as maternity roost areas.
2. Live trees (such as shagbark hickory) which have exfoliating bark.
3. Stream corridors, riparian areas, and nearby woodlots which provide forage sites.

Considering the above items, we recommend that if trees with exfoliating bark (which could be potential roost trees) are encountered in the project area, they and surrounding trees should be saved wherever possible. If they must be cut, they should not be cut between April 15 and September 15.

If desirable trees are present and if the above time restriction is unacceptable, mist net or other surveys should be conducted to determine if bats are present. The survey should be designed and conducted in coordination with the endangered species coordinator for this office, Mr. Buddy Fazio. The survey should be conducted in June or July since the bats would only be expected in the project area from approximately April 15 to September 15.

ADDITIONAL COMMENTS: Two divisions of the Ohio Department of Natural Resources, the Division of Wildlife (614-265-6300) and the Division of Natural Areas and Preserves (614-265-6472), maintain lists of plants and animals of concern to the State of Ohio. If you have not already done so, please contact each of the above two agencies to obtain project comments or site-specific information on State listed species. In addition, the Ohio Environmental Protection Agency (614-728-3393; 614-644-2001) will sometimes provide lists of fish and invertebrate species found in many of Ohio's rivers and streams. We have reviewed your letter and appreciate the information regarding vegetation in the proposed project area.

This technical assistance letter is submitted in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.), the Endangered Species Act, of 1973, as amended, and is consistent with the intent of the National Environmental Policy Act of 1969, the U. S. Fish and Wildlife Service's Mitigation Policy. It does not, however, constitute the report of the Secretary of the Interior under Section 2(b) of the Act, nor does it represent the review comments of the Department of the Interior on any forthcoming environmental document.

If you have questions, or if we may be of further assistance in this matter, please contact Ken Lammers of this office.

Sincerely,


for Kent E. Kroonemeyer
Supervisor

cc: ODNR, Div. of Wildlife, Environmental Section, Columbus, OH
ODNR, Division of Real Estate and Land Management, Columbus, OH
Ohio EPA, Water Quality Monitoring, Columbus, OH
US EPA, Office of Environmental Review, Chicago, IL