Exhibit:

Issue(s): Route Selection

Witness: Claire M. Eubanks, P.E.

Sponsoring Party: MoPSC Staff

Type of Exhibit: Surrebuttal Testimony

Case No.: EA-2024-0302

Date Testimony Prepared: August 28, 2025

MISSOURI PUBLIC SERVICE COMMISSION

INDUSTRY ANALYSIS DIVISION

ENGINEERING ANALYSIS DEPARTMENT

SURREBUTTAL TESTIMONY

OF

CLAIRE M. EUBANKS, P.E.

AMEREN TRANSMISSION COMPANY OF ILLINOIS

CASE NO. EA-2024-0302

Jefferson City, Missouri August 2025

1	SURREBUTTAL TESTIMONY						
2	OF						
3	CLAIRE M. EUBANKS, P.E.						
4	AMEREN TRANSMISSION COMPANY OF ILLINOIS						
5 6		CASE NO. EA-2024-0302					
7	Q.	Please state your name and business address.					
8	A.	Claire M. Eubanks and my business address is Missouri Public Service					
9	Commission, P.O. Box 360, Jefferson City, Missouri, 65102.						
10	Q.	By whom are you employed and in what capacity?					
11	A.	I am employed by the Missouri Public Service Commission ("Commission")					
12	as the Manager of the Engineering Analysis Department, Industry Analysis Department						
13	Commission Staff Division.						
14	Q.	Are you the same Claire M. Eubanks that previously contributed to Staff's					
15	recommendation in this case?						
16	A.	Yes.					
17	Q.	What is the purpose of your surrebuttal testimony?					
18	A.	I respond to the rebuttal testimony of Ameren Transmission Company of Illinois					
19	("ATXI") witnesses Sam Morris and James Nicholas regarding **						
20		. **					

ROUTE SELECTION

Q. Please explain Staff's position regarding the Phase 1 Projects.¹

A. Staff supports the Phase 1 Projects with certain conditions. In applying the Tartan criteria, Staff found 1) the Project is needed; 2) ATXI is qualified to construct, install, own, operate, maintain, and otherwise control and manage the Project; 3) ATXI has the financial ability to undertake the Project; and 4) the Project is economically feasible. Staff considers the evaluation of the separate Tartan criteria and whether, on balance, the project promotes the public interest. In its December 20, 2024, recommendation, Staff recommended various conditions related to right-of-way acquisition and micro-siting; reporting requirements; and landowner communications for current and future projects. ATXI, Staff, and several parties to this case reached an agreement on limited revisions to Staff's recommended conditions. Consistent with Staff's experience with transmission CCN cases similar to the present case, and to ensure the Project is in the public interest, Staff recommends the conditions contained in schedule CME-s1 be imposed by Commission order.

Q. What is Staff's position on **

? **

A. **

¹ Fairport to Denny to Iowa/Missouri Border ("FDIM") Project refers to the Missouri 16 portion of the Orient – Denny - Fairport route. The Maywood to Mississippi River Crossing Project 17 ("MMRX") Project refers to the Missouri portion of the Maywood - Meredosia route.



A. Yes. In response to Staff data request 12.2 ATXI represented that it "does not have documentation available for this specific facility because it elected to avoid routing FDIM on the hog farm property." In response to Staff data request 12.3, ATXI stated "Other than as indicated in ATXI's response to MPSC Staff DR 0012.0, ATXI or its consultants have not had communications with the property owners or representatives/facility managers of the hog farm,

17

18

19

20

² Per 20 CSR 4240-20.045(5)(K)1., "[L]and is directly affected if a permanent easement or other permanent property interest would be obtained over all or any portion of the land or if the land contains a habitable structure that would be within three hundred (300) feet of the centerline of an electric transmission line."

³ Application, paragraph 36.

⁴ James Nicholas rebuttal testimony, page 3, lines 13-14.

⁵ James Nicholas rebuttal testimony, page 10, lines 19-20. TRC Companies, Inc. ("TRC") is a consultant for ATXI.

Surrebuttal Testimony of Claire M. Eubanks, P.E.

- 1 and do not have records of contact from or with the property owners or representatives/facility
- 2 managers of the hog farm." Schedule CME-s2 provides the data request responses related to
- 3 the hog farm property.

4

- Q. Does this conclude your surrebuttal testimony?
- 5 A. Yes it does.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

In the Matter of the Applic Transmission Company of Certificate of Convenience under Section 393.170.1, I Transmission Investments Northeast Missouri	f Illinois f e and Nec RSMo. re))))	Case No. EA-2024-0302	
A F	FIDAVI	Γ OF CL	AIRE M.	EUBANKS, PE
STATE OF MISSOURI)	SS.		•

COMES NOW CLAIRE M. EUBANKS, PE and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing Surrebuttal Testimony of Claire M. Eubanks, PE; and that the same is true and correct according to her best knowledge and belief.

Further the Affiant sayeth not.

CLAIRE M. EUBANKS, PE

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this ______ day of August 2025.

D. SUZIE MANKIN
Notary Public - Notary Seal
State of Mesouri
Commissioned for Cole County
My Commission Expires: April 04, 2029
Commission Number: 12412070

Muziellankin Notary Public

Staff Proposed Conditions with ATXI/Staff Agreed Revisions

Right-of-way Acquisition and Micro-siting

- 1) Throughout the right-of-way acquisition process, ATXI will use all reasonable efforts to follow the route(s) depicted in Attachment E of the Application. But ATXI will be allowed to deviate from the depicted route in two scenarios:
 - a. First, if surveys or testing do not necessitate a deviation, ATXI may deviate from the depicted route on a particular parcel if ATXI and each landowner on which the deviation will run agree. Either ATXI or landowner may initiate such a request to deviate.
 - b. Second, if ATXI determines that surveys or testing require a deviation, ATXI will negotiate in good faith with each affected landowner and if agreement can be reached, ATXI may deviate from the depicted route on the affected parcel(s), as agreed with the affected landowner(s).

With respect to any parcel other than the identified parcels where ATXI desires to locate the line, whether because testing or surveys necessitate acquisition of an easement on that parcel or for other reasons (e.g., a request from adjacent landowners), ATXI will negotiate in good faith with the landowner of each affected parcel over which ATXI has determined an easement is needed or desired and, if agreement is reached, may deviate from the depicted route by locating the line on the affected parcel(s) but will notify the Commission of the deviation and parcels affected prior to construction on that parcel.

If testing or surveys necessitate acquisition of an easement on such other parcel(s) and agreement is not reached, despite good faith negotiations, ATXI will file a request with the Commission to allow it to deviate from the depicted route onto the affected parcel(s) and shall, concurrently with the filing of its request with the Commission, send a copy of its request to the owner(s) of record of the affected parcel(s) via U.S. Mail, postage prepaid, as shown by the County Assessor's records in the county where the affected parcel is located, or at such other address that has been provided to ATXI by the owner(s). ATXI shall fully explain in that request why ATXI determined the change in route is needed and file supporting testimony with its request and the name(s) and addresses of the owner(s) to whom it provided a copy of its request. After Commission notice of the opportunity for a hearing on the issue of whether the change in route should be approved is given to the owner, Staff and OPC, and after an opportunity to respond, the Commission will grant or deny the request.

Absent a voluntary agreement for the purchase of the property rights, the transmission line shall not be located so that a residential structure currently occupied by the property owners will be removed or located in the easement, including for electrical code compliance purposes.

- Prior to the commencement of construction on a parcel, ATXI will secure an easement, which will include a surveyed legal description showing the precise dimension, including the length and width, for the permanent transmission line easement area for each affected parcel. In addition, ATXI will track each easement grant by way of a spreadsheet that identifies each parcel by Grantor and County, and which contains the recording information for each parcel. Upon securing all necessary easements for the Project, ATXI will file a copy of the spreadsheet with the Commission, to which a map will be attached. For each parcel, the map and the spreadsheet will include a unique indicator that allows the Commission to see where on the map that parcel is located.
- 4) ATXI shall follow the construction, clearing, maintenance, repair, and right-of-way practices set out in Schedule TG-D4 filed with Tara Green's Direct Testimony.

Reporting requirements

- 5) ATXI shall file with the Commission in this case a legal description of the line segments when acquisition of the necessary land rights is finalized.¹
- 6) ATXI shall file the final Joint Use Assessment ("JUA") with the Commission in this case within 30 days of executing the agreement.
- ATXI shall obtain all required government approvals and permits—e.g., any applicable land disturbance permits, Missouri State Highway Commission permits, or US Army Corps of Engineers permits— before beginning construction on the part of the Projects (FDIM and MMRX) where the approvals and permits are required, and shall file such approvals and permits with the Commission before beginning construction or, for approvals and permits obtained less than 90 days before beginning construction, within 90 days of receipt.
- 8) ATXI shall file with the Commission any agreement between ATXI and the pipeline companies that have assets being crossed by the Projects (FDIM and MMRX). The FDIM and MMRX routes do not parallel pipelines.
- 9) ATXI shall file with the Commission the annual report it files with FERC.
- 10) ATXI shall file any vegetation management filing made to FERC, NERC, or a regional reliability organization in EFIS as a non-case related filing.²

¹ Proposed descriptions are included in the Direct Testimony of Tara Green, Schedule TG-D1 and TG-D2.

² 20 CSR 4240-23.030(5).

ATXI shall obtain acknowledgement from Ameren Missouri that they remain bound by the following provision from the 4th Order Modifying the 2012 Report and Order in Case No. EO-2011-0128 with respect to the transmission facilities to be constructed as part of the Projects (FDIM and MMRX):

For transmission facilities located in Ameren Missouri's certificated service territory that are constructed by an Ameren affiliate and that are subject to regional cost allocation by MISO, for ratemaking purposes in Missouri, the costs allocated to Ameren Missouri by MISO shall be adjusted by an amount equal to the difference between:

- (I) The annual revenue requirement for such facilities that would have resulted if Ameren Missouri's Commission-authorized ROE and capital structure had been applied and there had been no construction work in progress (CWIP) (if applicable), or other FERC Transmission Rate Incentives, including Abandoned Plant Recovery, recovery on a current basis instead of capitalizing pre-commercial operations expenses and accelerated depreciation, applied to such facilities and
- (II) The annual FERC-authorized revenue requirement for such facilities. The ratemaking treatment established in this provision will, unless otherwise agreed or ordered, continue as long as Ameren Missouri's transmission system remains under MISO's functional control.

Landowner communication for current and future projects

- 12) Staff and ATXI acknowledge the Commission retains the authority to reopen this docket based on the outcome of the proceeding for Phase 2 of the Program. This condition shall not restrict ATXI's ability to exercise the authority granted in the CCN for the Phase 1 Projects, including engineering, environmental permitting, easement acquisition, right-of-way clearing, access, and line or substation construction until such time as the Commission reaches a determination with respect to Phase 2 of the Program, or thereafter assuming Phase 2 is approved. ATXI acknowledges that Staff may recommend any conditions or take any position it deems necessary in its recommendation regarding the Phase 2 program.
- 13) Staff recommends the Commission grant the CCN, subject to another virtual local public hearing for those landowners in the re-route area of DO-27 to DO-28 (generally between the corner of Highway N and Kent Lane to County Road 249), providing an opportunity to those landowners to express their concerns, if any, on the route.
- ATXI shall, for all future transmission line projects in Missouri which require a CCN and also require a public meeting pursuant to 20 CSR 4240-20.045(K)(3), develop and maintain, using best efforts, route maps on its website(s) showing preferred and alternative routes that are known at that time and still under active consideration by the ATXI, as well as any related study areas. These maps shall include satellite imagery in sufficient detail

for affected landowners to locate their property. These maps shall be maintained from at least the date of any public meeting(s) held, when required, and shall display preferred and known alternative routes proposed in its application or discussed in its written testimony from the date an application is filed through the effective date of the Commission's Report and Order ruling on the subject CCN application (CCN Order) or the date ATXI discontinues development of the project, whichever occurs first. If public meetings are not required to be held, ATXI shall post maps beginning on the date it provides notice of the application to affected landowners. This condition shall be applied to all ATXI applications for a CCN filed after the Commission grants a CCN in this proceeding, should be considered independently, and any deficiencies related to this condition should not, on its own, affect the validity of a CCN granted in this proceeding.

- ATXI shall, for all projects referenced in Condition 14, include instructions for accessing the website and maps referenced in Condition 14 on all required notifications sent to affected landowners. This condition shall be applied to all ATXI applications for a CCN filed after the Commission grants a CCN in this proceeding, should be considered independently, and any deficiencies related to this condition should not, on its own, affect the validity of a CCN granted in this proceeding.
- ATXI shall, for all projects referenced in Conditions 14 and 15, refresh its data used to comply with 20 CSR 4240-20.045(6)(K)1 that identifies the owners of land directly affected by the requested certificate, including the preferred route and any known alternative route, and entitled to receive notice of its application. The refresh of the data shall be conducted within 90 days after filing an application for a CCN to confirm the identified parcels and owners of land directly affected by the requested certificate as of the date notice of the application was issued pursuant to 20 CSR 4240-20.045(6)(K)(1) and (2). If such refresh identifies a person entitled to receive notice of the application to whom ATXI did not send such notice, ATXI shall provide a notice to such person(s) in accordance with 20 CSR 4240-20.045(6)(K)(4). This condition shall be applied to all ATXI applications for a CCN filed after the Commission grants a CCN in this proceeding, should be considered independently, and any deficiencies related to this condition should not, on its own, affect the validity of a CCN granted in this proceeding.

Dated Submitted: September 30, 2024

No.: MPSC1 0012.0

Please provide if ATXI has contacted the USDA-regulated hog farm mentioned on page 29 in schedule JN-D1 (FDIM Routing Study) regarding planned route DO-28. If so please provide a record of any correspondence.

RESPONSE

Prepared By: Leah Dettmers

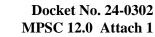
Title: Stakeholder Relations & Training Manager

Phone No.: 314-366-1848 Date: September 30, 2024

On March 20, 2024, ATXI mailed notification of the FDIM Project to the property owner and informed them of the open houses in Worth County (held on April 9, 2024) and Gentry County (held on April 10, 2024). Please see Schedule LD-D1 at 3-4, attached to the direct testimony of Leah Dettmers, for the template letters/invites mailed to landowners.

On July 5, 2024, the property owner was mailed notice of ATXI's Application for a certificate of convenience and necessity for the Projects, which notified the landowner that the subject property is along the route for the proposed Projects. Please see MPSC 12.0 Attach 1 for the notices that were mailed to this landowner. Please see also Schedule LD-D1 at 70-72 for the template of this letter and attached maps.

To date, ATXI does not have any other records of contact from or with the property owners of the hog farm. It is worth noting that the parcels in question were determined to be adjacent to parcels within 300 feet of the proposed centerline of the Projects' proposed transmission lines but were not themselves within 300 feet of the proposed centerline. As a result, ATXI has had no further contact with this property owner related to the FDIM Project, and does not expect it will require an easement or access to this property for construction of the FDIM Project.





1901 Chouteau AvePage 1 of 2
St. Louis, MO 63103
1.833.799.1633
Ameren.com/NorthernMOGrid

July 5, 2024

KC2 Real Estate, LLC PO Box 856 Warsaw, North Carolina 28398 MO-GE-091.200.ADJ 02-02-10-01 Gentry

RE: Notice of Application – Ameren Transmission Company of Illinois (ATXI) - Northern Missouri Grid Transformation Program: Fairport-Denny-lowa/Missouri border (FDIM) Project and Maywood-Mississippi River Crossing (MMRX) Project

Dear Sir or Madam:

ATXI recognizes the importance of keeping stakeholders informed about projects that will affect them. You are receiving this letter because public records show that you own property along the route of new transmission lines that ATXI is proposing to develop.

Specifically, those records indicate that you own property along the route of the FDIM Project, a new, approximately 44-mile 345 kV transmission line that ATXI will construct in Worth, Gentry and DeKalb counties, or its one new substation in DeKalb county, or the route of the MMRX Project, a new or rebuilt, approximately 9-mile 345 kV transmission line that ATXI will construct in Marion County. Attached for your review is a project map.

In the coming days, ATXI will submit an application to the Missouri Public Service Commission (PSC) for a Certificate of Convenience and Necessity and other necessary approvals for the FDIM and MMRX Projects. The expected timing for a PSC decision is mid-year 2025.

If approved by the PSC, easement negotiations will begin in with affected landowners mid-year 2025 with construction anticipated to start in 2026. Our goal is to have this project in service by mid-year 2028 and providing benefits to the communities, including – improving local and regional energy reliability, supporting lower energy supply costs, and promoting access to diverse energy sources.

Should you have questions about the proposed route or would like to share additional information about your property, please contact the project team at 1.833.799.1633, by email at Connect@AmerenMOGrid.com or visit the project website at AmerenGridMO.com to learn more about this project. If you have questions for the Missouri Public Service Commission please call 573.751.3234 or for the Office of the Public Counsel, please call 573.751.4857.

Public collaboration remains a top priority for our team and we appreciate your participation throughout our engagement process. Thank you for your time and feedback as we develop this important program to ensure safe, reliable and affordable energy for Northern Missouri.

Sincerely.

Tracy Dencker

Senior Project Manager, ATXI



1901 Chouteau AvePage 2 of 2 St. Louis, MO 63103 1.833.799.1633 Ameren.com/NorthernMOGrid

July 5, 2024

KC2 Real Estate, LLC PO Box 856 Warsaw, North Carolina 28398 MO-GE-094.200.ADJ 02-02-03-02 Gentry

RE: Notice of Application – Ameren Transmission Company of Illinois (ATXI) - Northern Missouri Grid Transformation Program: Fairport-Denny-lowa/Missouri border (FDIM) Project and Maywood-Mississippi River Crossing (MMRX) Project

Dear Sir or Madam:

ATXI recognizes the importance of keeping stakeholders informed about projects that will affect them. You are receiving this letter because public records show that you own property along the route of new transmission lines that ATXI is proposing to develop.

Specifically, those records indicate that you own property along the route of the FDIM Project, a new, approximately 44-mile 345 kV transmission line that ATXI will construct in Worth, Gentry and DeKalb counties, or its one new substation in DeKalb county, or the route of the MMRX Project, a new or rebuilt, approximately 9-mile 345 kV transmission line that ATXI will construct in Marion County. Attached for your review is a project map.

In the coming days, ATXI will submit an application to the Missouri Public Service Commission (PSC) for a Certificate of Convenience and Necessity and other necessary approvals for the FDIM and MMRX Projects. The expected timing for a PSC decision is mid-year 2025.

If approved by the PSC, easement negotiations will begin in with affected landowners mid-year 2025 with construction anticipated to start in 2026. Our goal is to have this project in service by mid-year 2028 and providing benefits to the communities, including – improving local and regional energy reliability, supporting lower energy supply costs, and promoting access to diverse energy sources.

Should you have questions about the proposed route or would like to share additional information about your property, please contact the project team at 1.833.799.1633, by email at Connect@AmerenMOGrid.com or visit the project website at AmerenGridMO.com to learn more about this project. If you have questions for the Missouri Public Service Commission please call 573.751.3234 or for the Office of the Public Counsel, please call 573.751.4857.

Public collaboration remains a top priority for our team and we appreciate your participation throughout our engagement process. Thank you for your time and feedback as we develop this important program to ensure safe, reliable and affordable energy for Northern Missouri.

Sincerely.

Tracy Dencker

Senior Project Manager, ATXI

No.: 0012.1

Regarding the hog-farm discussed at page 29 of TRC's FDIM routing study and page 21 of James Nicholas' direct testimony. 1. TRC and James Nicholas indicates the hog farm facility is located southeast of the intersection of Highway N and 230th road. Please confirm that the hog farm is located to the southwest of the intersection of Highway N and 230th road. 2. Please identify all parcels associated with the hog farm facility.

RESPONSE

Prepared By: James Nicholas

Title: TRC Companies, Inc. – VP of National Energy Siting and Permitting

Phone No.: 513-235-9654

Date: 12/19/2024

1. The hog farm facility is located to the southwest of the intersection of Highway N and 230th Road.

2. Please see MPSC 12.1 Attach.

No.: 0012.3

In response to data request 12, ATXI states: "ATXI does not have any other records of contact from or with the property owners of the hog farm". Does ATXI or its consultants have records of contact from or with the property owners or representatives/facility managers of the hog farm? If so, please provide.

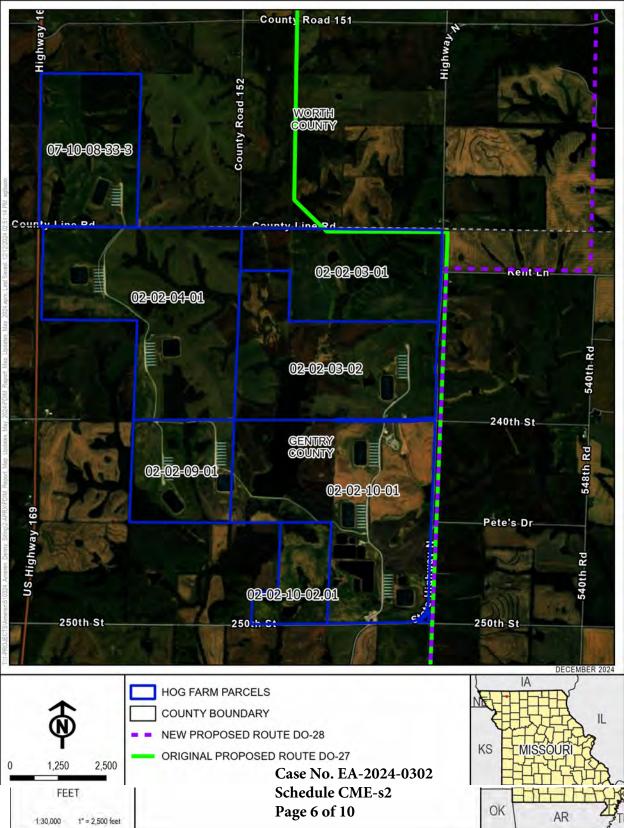
RESPONSE

Prepared By: Leah Dettmers

Title: Manager of Stakeholder Relations & Training

Phone No.: 314-366-1848

Other than as indicated in ATXI's response to MPSC Staff DR 0012.0, ATXI or its consultants have not had communications with the property owners or representatives/facility managers of the hog farm, and do not have records of contact from or with the property owners or representatives/facility managers of the hog farm.



No.: 0036.0

Provide the date ATXI selected DO-28 as its preferred route for the FDIM line segment.

RESPONSE

Prepared By: James Nicholas

Title: TRC Companies, Inc. - VP of National Energy Siting and Permitting

Phone No.: 513-235-9654

Date: 12/19/2024

Route option numbered DO-28 was selected as the Proposed Route for the FDIM Project on or around May 14, 2024.

No.: 0012.2

Regarding the hog farm discussed at page 29 of TRC's FDIM routing study. TRC states: "This presented access issues both for construction and ongoing line maintenance, as the facility restricts access due to contamination concerns." Provide all documentation available to ATXI or its consultant that supports the statement that the facility restricts access.

RESPONSE

Prepared By: Tracy Dencker Title: Senior Project Manager Phone No.: 314-861-4790

ATXI does not have documentation available for this specific facility because it elected to avoid routing FDIM on the hog farm property. However, ATXI is aware of the heavily regulated nature of the animal agricultural industry and facilities engaged in livestock production. Strict measures can be implemented and are typically in place to protect the health and wellness of animals and humans, prevent disease and biological hazards, reduce impacts on quality of water and air, and to ensure the safety of the food supply. Property used for large livestock production facilities, Animal Feeding Operations (AFO) or Concentrated Animal Feeding Operations (CAFO), is likely to require the Company to follow procedures to minimize or reduce the introduction or spread of hazards that could affect the health and wellness of the animals, people, and environment, which would limit Company's ability to safely operate and maintain the line. The Proposed Route for the FDIM Project avoids the risk by avoiding the hog farm.

For example, AFOs and CAFOs can, and typically do, have restrictive access requirements, such as requiring advance notice to access the property, limited entry points, limiting or restricting the number of outside visitors to the farm, and documenting/record keeping of visitors. They can also place limitations on the location and movement of vehicles and equipment, and may require monitoring or escort by farm personnel.

Additionally, enhanced tracking and biosecurity measures can be required such as cleaning, washing, or disinfecting vehicles, equipment, or clothing before and after leaving the farm. Training of Company or contractor personnel may also be required.

Current or former waste lagoons present on the property pose environmental, health, and safety concerns, and can present a challenge for design (structure spotting) and construction (access and excavation for structure installation).

Below is a list of sources/resources that identify guidelines and best practices for the swine and pork supply industry:

- 1. United States Department of Agriculture Swine Industry Manual: https://www.aphis.usda.gov/sites/default/files/swine_industry_manual.pdf
- 2. Missouri Department of Agriculture Secure Pork Supply Plan: https://agriculture.mo.gov/animals/health/pdf/secure-pork-supply-brochure.pdf
- 3. Secure Pork Supply Plan for Continuity of Business: https://www.securepork.org/Resources/Secure-Pork-Supply_Plan_for_COB.pdf

No.: 0012.3

In response to data request 12, ATXI states: "ATXI does not have any other records of contact from or with the property owners of the hog farm". Does ATXI or its consultants have records of contact from or with the property owners or representatives/facility managers of the hog farm? If so, please provide.

RESPONSE: (Do not edit or delete this line or anything above this. Start typing

your response right BELOW Date.)

Prepared By: Leah Dettmers

Title: Manager of Stakeholder Relations & Training

Phone No.: 314-366-1848

Other than as indicated in ATXI's response to MPSC Staff DR 0012.0, ATXI or its consultants have not had communications with the property owners or representatives/facility managers of the hog farm, and do not have records of contact from or with the property owners or representatives/facility managers of the hog farm.