



LG&E Energy LLC
220 West Main Street (40202)
P.O. Box 32030
Louisville, Kentucky 40232

March 28, 2006

RECEIVED

MAR 28 2006

PUBLIC SERVICE
COMMISSION

Elizabeth O'Donnell
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
Frankfort, Kentucky 40602-0615

RE: Joint Application of Louisville Gas and Electric Company and Kentucky Utilities Company for the Construction of Transmission Facilities In Jefferson, Bullitt, Meade, and Hardin Counties
Case No. 2005-00467

Joint Application of Louisville Gas and Electric Company and Kentucky Utilities Company for the Construction of Alternative Transmission Facilities in Jefferson, Bullitt, Meade, and Hardin Counties, Kentucky
Case No. 2005-00472

Dear Ms. O'Donnell:

Enclosed please find an original and eight (8) copies of an amendment to the response of Louisville Gas and Electric Company's ("LG&E's") and Kentucky Utilities Company's ("KU's") Response to Question No. 8 of Dennis and Cathy Cunningham; CDH Preserve, LLC; Harrison and Hardin First Data Request dated March 6, 2006. Upon review of the voluminous data provided in response to Question No. 8, the Companies discovered that the pages enclosed were inadvertently omitted from the response dated March 13, 2006. Should you have any questions concerning the enclosed, please do not hesitate to contact me at (502) 627-4110.

Sincerely,

John Wolfram
Manager, Regulatory Affairs

cc: Parties of Record

Cornett, Greg J.

From: Harper, Vicki [Vicki.Harper@eon-us.com]
Sent: Monday, March 27, 2006 10:57 AM
To: Cornett, Greg J.
Subject: FW: Indiana and Gray bat information

-----Original Message-----

From: Mindi_Brady@fws.gov [mailto:Mindi_Brady@fws.gov]
Sent: Friday, May 20, 2005 2:48 PM
To: Rice, Dan
Subject: Indiana and Gray bat information

Hi Dan,

Thanks for sending the maps of the Ft. Knox segment. We really appreciate the opportunity to work with you all on this project. Below are a few paragraphs regarding Indiana bats and Gray bats. Hopefully this information will be of some help to you. As I said earlier, I am working on putting a letter together with some additional species information that may be helpful for the upcoming surveys. Please do not hesitate to contact us with any questions you may have.

According to our records, summer roost habitat and/or winter hibernacula for the endangered Indiana bat (*Myotis sodalis*) and gray bat (*Myotis grisescens*) may exist within the proposed project site. Based on this information, we believe that: (1) forested areas in the vicinity of and on the project area may provide potentially suitable summer roosting and foraging habitat for the Indiana bat and potentially suitable foraging habitat for the gray bat (if suitable roosting sites are present); and (2) caves, rockshelters, and abandoned underground mines in the vicinity of and on the project area may provide potentially suitable winter hibernacula habitat for the Indiana bat and/or potentially suitable summer roosting and/or winter hibernacula habitat for the gray bat. Our belief that potentially suitable habitat may be present, and possibly occupied by this species, is based on information provided in your correspondence, that fact that the project site and surrounding area may contain forested habitats that are within the natural ranges of these species, and our knowledge of the life history characteristics of this species.

The Indiana bat uses a wide array of forested habitats, including riparian forests, bottomlands, and uplands for both summer foraging and roosting habitat. Indiana bats typically roost under exfoliating bark, in cavities of dead and live trees, and in snags (i.e., dead trees or dead portions of live trees). Trees in excess of 16 inches diameter at breast height (DBH) are considered optimal for maternity colony roosts, but trees in excess of 9 inches DBH appear to provide suitable maternity roosting habitat. Male Indiana bats have been observed roosting in trees as small as 3 inches DBH.

Prior to hibernation, Indiana bats utilize the forest habitat around the hibernacula, where they feed and roost until temperatures drop to a point that forces them into hibernation. This "swarming" period lasts, depending on weather conditions in a particular year, from about September 15 to about November 15. This is a critical time for Indiana bats, since they are acquiring additional fat reserves and mating prior to hibernation. Research has shown that bats exhibiting this "swarming" behavior will range up to five miles from chosen hibernacula during this time. For hibernation, the Indiana bat prefers limestone caves, sandstone rockshelters, and abandoned underground mines with stable temperatures of 39 to 46 degrees F and humidity above 74 percent but below saturation.

Gray bats roost, breed, rear young, and hibernate in caves year round. They migrate

between summer and winter caves and will use transient or stopover caves along the way. For hibernation, the roost site must have an average temperature of 42 to 52 degrees F. Most of the caves used by gray bats for hibernation have deep vertical passages with large rooms that function as cold air traps. Summer caves must be warm, between 57 and 77 degrees F, or have small rooms or domes that can trap the body heat of roosting bats. Summer caves are normally located close to rivers or lakes where the bats feed. Gray bats have been known to fly as far as 12 miles from their colony to feed.

If you have any questions next week while I'm gone, please contact Mike Armstrong at 502-695-0468 ext. 227 Doug Dawson (Kentucky Fish and Wildlife) can be reached at 502-564-4336 to answer any questions regarding state listed species. Have a good weekend,

Mindi Brady
Fish & Wildlife Biologist

US Fish & Wildlife Service
Kentucky Field Office
3761 Georgetown Rd.
Frankfort, KY 40601
502/695-0468 extn. 229
502/695-1024 fax
Mindi_Brady@fws.gov
<http://frankfort.fws.gov>

Comments from Mike Brandenburg (Wildlife Biologist)

1. The field survey does not identify the bald eagle as a listed species within the project area. This species needs to be addressed.
2. The identification of restrictions on clearing should be modified to 15 October thru 31 March instead of November thru March.
3. Page 3-16 last paragraph re. SH25 "This particular sinkhole was identified as being a potential cave; therefore providing winter habitat for the federally-listed gray bat."
Should read "has a potential to provide winter habitat" for the gray bat. The hibernacula climactic conditions for the gray bat are very specific as approx. 95% of the known population hibernates in eight or nine caves, it is extremely unlikely that this cave, if it is a cave, is suitable.
4. Need to identify exactly what activities are going to occur in the 70 foot buffers. Obviously the ROW must be cleared but it should be identified that within the buffers hand clearing will be done and wheeled or tracked equipment will be excluded. Should logs or debris need to be removed from these areas it should be cabled out to reduce disturbance. The debris will need to be removed in the jurisdictional wetland areas to preclude it constituting a fill action.

Comments from Brian Waldrep (Forester)

1. Need punctuation correction on Pg. 1-1, 1-2, 3-6 and 3-8
2. Suggest re-wording or word smithing 2 phrases under definitions of "Ruderal/Disturbed Areas" on Pg. 1-3 and additional word smithing on Pg. 2-7.
3. In the executive summary (twice) Pg. 2-1 (twice), Pg. 2-8 (twice) and 2-9 the document states that the vegetation is to be removed "by hand." A definition of "by hand" needs to be included in the document to clarify how mature timber is to be removed "by hand."
4. In the executive summary on Pg. 2-1, 2-8 (twice) and 2-9, I recommend the hibernation period of "November to March" be changed to the more accurate "October 15 to March 31."
5. In the executive summary 2-1, 2-8, 2-9 and 3-8 a "70 foot buffer" has been required around all streams, sink holes (open throat) and jurisdictional wetlands. I would like a definition or description of what a vegetative buffer on an utility easement would be.

Employee: Dan Rice**Project No.:** 4332-013**Talked
With:** Mike Brandenburg**Date/Time:** 07/27/05 10:30 AM EST**Firm:** FT Knox Fish and
Wildlife Section**Telephone
No.:** 502-624-7368**Address:** Placed Call
 Received Call
 Conference Call
 Met with Party**Subject:**

Comments on Draft Biological Field Report – Proposed Utility Easement – Ft. Knox

Conversation:

I had a phone conversation with Mike Brandenburg (wildlife biologist) and Brian Waltrep (forester) of Ft Knox today (7/27/05) regarding their comments on the Draft Field Report. Following is a summary of our conversation.

1. Bald Eagle – Mike stated that the eagle is only known in the area during migration periods (fall and winter) feeding on the large bodies of water (Ohio and Salt) and deer carcasses. No nesting has been reported.
2. Eggerts sunflower (ES) – Mike stated that there was “probably not” a need to re-survey for the ES during the blooming period. Although, ES is known in Hardin County, it has never been documented on the installation. Also, there is a botanical survey currently being conducted on the base, and specific ES surveys have been conducted in glades in the southern part of the installation. It is my understanding from the literature that these would be the ideal habitat, and no specimens have been found. I asked again, and he stated there was no need to do the survey.
3. Wetlands and buffers – Mike will require more info on how we will handle the trees in the wetlands. I noted that I did not interpret the regs. as to consider felled trees as fill. Mike did not dispute this, but asked that we discuss our practice with the Corps to get their opinion. You had previously mentioned that LG&E had a good relationship with the district office of the Corps, so I will assume you or LG&E will discuss this issue to the Corps (unless you would like me to do so). In addition, Mike will require additional information on what “hand” clearing will entail, what equipment will be used/excluded, and what restrictions will be placed within buffers.
4. I discussed the wording changes with Brian Waltrep.
5. Brian will also require more specifics on buffers and “hand clearing.” Specifically, Brian asked that we clarify the size vegetation that will be left in the buffer.

Copy

Signature _____



JORDAN
JONES &
GOULDING
6801 Governors Lake Parkway
Norcross, Georgia 30071
Phone: (770) 455-8555
Fax: (770) 455-7391

LETTER OF TRANSMITTAL

June 30, 2005

JOB NO.
04332013

ATTENTION: Linda Gail Pollock (IMSE-KNX-OSE)

TO: Environmental Management Division
Directorate of Base Operations Support
ATTN: IMSE-KNX-OSE
6th Avenue, Bldg 1110B
Ft Knox, KY 40121-5000

502-624-3629

RE: Proposed Electric Utility Easement – Ft. Knox, KY
Biological Field Survey and Maps

Ms. Pollock:

WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER THE FOLLOWING ITEMS:
 SHOP DRAWINGS PRINTS PLANS CERTIFICATION
 COPY OF LETTER PAYROLLS TEST REPORTS _____

COPIES	DATE	NO.	DESCRIPTION
5	6/30/05		Proposed Electric Utility Easement – Biological Field Survey Report
5	6/30/05		Biological Field Survey Report – Figures 7a-7l (24 x 36)

THESE ARE TRANSMITTED AS CHECKED BELOW

FOR APPROVAL NO EXCEPTION TAKEN SUBMIT _____ COPIES FOR DISTRIBUTION
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 AS REQUESTED AMEND AND RESUBMIT RESUBMIT _____ COPIES FOR APPROVAL
 FOR REVIEW AND COMMENT REJECTED - (SEE REMARKS) RETURN _____ APPROVED COPIES

REMARKS:

Ms Pollock:

Please call me or Clay Doherty (912.354.7565) with any questions.

Thanks,

Dan (678-333-0457)

COPY TO _____ SIGNED: _____

Environmental Management Division
Directorate of Base Operations Support
ATTN: IMSE-KNX-OSE
6th Avenue, Bldg 1110B
Ft Knox, KY 40121-5000.

Commercial: 502-624-3629; DSN: 464-3629; Fax: 502-624-3000



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6801 Governors Lake Parkway
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LETTER OF TRANSMITTAL

September 15, 2005

JOB NO.
04332013

ATTENTION: Linda Gail Pollock (IMSE-KNX-OSE)

TO: Environmental Management Division
Directorate of Base Operations Support
ATTN: IMSE-KNX-OSE
6th Avenue, Bldg 1110B
Ft Knox, KY 40121-5000

RE: Proposed Electric Utility Easement – Ft. Knox, KY
Biological Field Survey and Maps

502-624-3629

Ms. Pollock:

- WE ARE SENDING YOU ATTACHED UNDER SEPARATE COVER _____ THE FOLLOWING ITEMS:
- SHOP DRAWINGS PRINTS PLANS CERTIFICATION
- COPY OF LETTER PAYROLLS TEST REPORTS _____

COPIES	DATE	NO.	DESCRIPTION
5	9/15/05		Proposed Electric Utility Easement – Figures 7a-7l (24 x 36 aerial maps)

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- _____

REMARKS:

Ms. Pollock:

Please call this office (678-333-0457) or Clay Doherty (912.354.7565) with any questions.

Thanks,

Dan Rice
Senior Ecologist

COPY TO _____

SIGNED: _____

IF ENCLOSURES ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE