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SOAH DOCKET NO. 473-10-1097
PUC DOCKET NO. 37448

APPLICATION OF LCRA TRANSMIS-
SION SERVICES CORPORATION TO
AMEND ITS CERTIFICATE OF CON-
VENIENCE AND NECESSITY FOR THE
GILLESPIE TO NEWTON 345 KV CREZ
TRANSMISSION LINE IN GILLESPIE,
LLANO, SAN SABA, BURNET, AND
LAMPASAS COUNTIES, TEXAS

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BEFORE THE
STATE OFFICE OF ADMINISTRATIVE

HEARINGS

**LCRA TRANSMISSION SERVICES CORPORATION'S RESPONSE TO
ROBERT T. PAYNE'S SIXTH REQUEST FOR INFORMATION**

COMES NOW LCRA Transmission Services Corporation (LCRA TSC) and files this, its Response to Robert T. Payne's Sixth Request for Information. This Response is timely filed. LCRA TSC agrees and stipulates that all parties may treat these responses as if the answers were filed under oath.

Respectfully submitted,

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ATTORNEYS FOR LCRA TRANSMISSION
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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing document was served on the propounding party (pursuant to Order No. 1) on this the 14th day of December 2009, by email, facsimile, First-Class U.S. mail, or by hand delivery.


William T. Medaille

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PUC DOCKET NO. 37448**

APPLICATION OF LCRA TRANSMIS- SION SERVICES CORPORATION TO AMEND ITS CERTIFICATE OF CON- VENIENCE AND NECESSITY FOR THE GILLESPIE TO NEWTON 345 KV CREZ TRANSMISSION LINE IN GILLESPIE, LLANO, SAN SABA, BURNET, AND LAMPASAS COUNTIES, TEXAS	§ § § § § § § §	BEFORE THE STATE OFFICE OF ADMINISTRATIVE HEARINGS
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**LCRA TRANSMISSION SERVICES CORPORATION'S RESPONSE TO
ROBERT T. PAYNE'S SIXTH REQUEST FOR INFORMATION**

Question:

4.4 In the Open House Materials in Appendix A (Page 300-301 of the 779 page filing #6 of docket 37448) and Mr. Symank's testimony pages 10 and 11 (Page 677-678 of the 779 page filing #6 of docket 37448) there are documents and testimony purporting the safety of being in close proximity to transmission lines. Has the LCRA board, governing body or management considered placing LCRA board room, executive offices and day care centers in close proximity to their transmission lines at offices near Tom Miller Dam to demonstrate their faith in transmission line safety?

In filing 213, LCRA's reply was: "No. However, many of LCRA's existing facilities have been constructed in close proximity to existing transmission lines."

CLARIFY – Although the skeptical will already assume the existing facilities referred to are not going to be occupied by the LCRA board, governing body or management, some might get the idea that facilities mentioned do regularly hold non-field LCRA personnel. Given that "existing facilities" have been brought up, please compare the maximum exposure of someone standing anywhere underneath a 345-KV CREZ line with the maximum exposure inside any regular occupied "existing facilities" holding LCRA employees, other than those "existing facilities" specifically for field workers.

Response:

LCRA TSC cannot speak to the levels of electric and/or magnetic fields (EMF) generally for "a 345-KV CREZ line" since LCRA TSC is not constructing all CREZ lines. As provided in page 10 of the Direct Testimony of Curtis Symank, the calculated magnetic fields under this single circuit 345-kV transmission line ranged from 31 milliGauss (mG) on the right-of-way under the line to 11 mG at 75-80 feet from the line. As noted in the Direct Testimony of J. Michael Silva, these field levels are in the range that people encounter from a variety of sources throughout their normal living and working environments, including from sources such as appliances, office equip-

ment, machinery, and electrical wiring in ceilings and walls. Mr. Silva concluded that, "there is nothing unusual about the EMF from the proposed Gillespie-Newton 345 kV transmission line. They are within the range of the fields that people can experience every day in their normal living and working environments, and they are substantially below the EMF exposure limits adopted by international organizations such as ICNIRP and IEEE." Silva Direct Testimony at 15.

LCRA and LCRA TSC have no measurements of EMF in any of their "regularly occupied existing facilities." However, LCRA TSC has no reason to believe that the EMF levels in existing facilities regularly occupied by LCRA employees would not be consistent with the circumstances described by Mr. Silva for normal working environments.

Sponsor: Curtis Symank
Preparer: Curtis Symank

Title: Engineering Supervisor, LCRA
Title: Engineering Supervisor, LCRA