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November 3, 2011

Kevin E. Parzyck
Vice President, Development - Central Region
Invenergy, LLC
One South Wacker Drive
Suite 1900
Chicago, IL 60606

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CHAMPAIGN CO. P & Z DEPARTMENT

Re: Use of representative receptors in environmental noise modeling

Dear Mr. Parzyck,

The purpose of this letter is to explain the basis for use of a single modeled receptor per residence in the noise model HDR prepared for the California Ridge project.

The modeled receptor is representative of the residential portion of the larger parcel including the residence itself. It may be possible to calculate minute variations in project-related noise at different locations on the residential portion of a parcel. However, these subtle variations in calculated noise levels would likely be fractions of a decibel - which are not meaningful. Therefore, the modeled receptors adequately and appropriately represent the entire residential portion of residential lots in the study area.

If you have additional questions, please call me at (763) 591-5450 or by cell at (612) 859-9839.

Sincerely,
HDR Engineering, Inc.

Tim Casey, INCE
Acoustics Program Manager