



Services Solutions Strategic Advantages

January 22, 1998

Mr. Peter Copeland
U S WEST Communications
1801 California Street, Room 4700
Denver, CO 80202

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Dear Peter,

The purpose of this letter is to respond to your request for cluster data underlying version 5.0 of the Hatfield Model. The specific data that you requested cannot be released because it is proprietary either to our data vendors or to AT&T and MCI.

The actual geocoded customer locations are proprietary to our data vendors and cannot be resold or provided by PNR to any third party. We recently had a request from Indetec for this information as well as geocoded counts at more aggregate levels of geography. I have attached a copy of my letter responding to that request. The other data that you requested -- 1) the actual polygon boundaries for each cluster; and 2) the number of customers in each cluster that are placed at actual geocoded locations versus the number of customers located by default on census block boundaries -- are proprietary to AT&T and MCI. This is because the data you are requesting is determined based upon access line normalization numbers and wire center information provided by AT&T and MCI. We cannot release these results without authorization from AT&T and MCI.

We are in the process of developing our own complete version of the Access Line Model that will include our own normalization and wire center information. Prices have not yet been determined. The model based on aggregation of census block information will be available in late March or early April. The spatial clustering version will be available approximately one month later. At that time we also will prepare "customized" versions based upon client specific inputs. It would be impossible for PNR to prepare a customized version of a spatial clustering access line model for U S WEST in the time-frame that you require (prior to hearings in February and March).

AT&T and MCI may be releasing more information about version 5.0 of the Hatfield Model. Perhaps they will make available information that will address your needs. If you would like to discuss this issue further or if you have additional questions, please call me on (215) 886-9200.

Sincerely,

William M. Newman
Executive Vice President

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