

From: Mike Ramnath

To: John Kennedy

Date: July 30, 2002

Subject:

FCC File #: 0036-EX-ML-2002- Reply

Message:

Date: 30th July 2002.

Subject: FCC File #: 0036-EX-ML-2002 [Reference Number: 2136]

Confirmation Number: EL12393

Att: John Kennedy

Question: Please justify the need for 800 iDEN handsets and 20 base station units in more detail. In particular, explain why smaller quantities can't be used for this experiment.

Response:

The Motorola Plantation Mobile Switching Operations facility is one of many Engineering Design Center for Testing, Developing and Repairing for Motorola, Inc. We currently have approximately 800 Engineers in the iDEN group.

The work done at this facility requires RF coverage of a local Experimental System for design and testing. There are currently 600 mobile subscribers on the system. The development of new products and software design requires the ability to register on the system, as would a customer in the field and perform the functions, as a carrier service would provide. The test portion also requires the same coverage as well as a drive route of small outlying areas to handle a handover issues as well as critical fixes on mobile units to identify the location of a trouble such as with a 911 call. The work done at Plantation and surrounding sites is very critical to the development of safety measures for subscribers.

We have reduced the number of subscribers to 600 instead of the originally requested 800. However, the Base Units should remain at 20 because each Base Radio is capable of handling only 3 calls simultaneously and therefore not all 600 Mobile units and Subscriber units would be active at the same time.

We trust that the above meets your requirements. Please call me at (954) 724-5793, if you have any additional questions.

Sincerely,
/s/ Mike Ramnath
FCC Liaison
Email:mike.ramnath@motorola.com