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CTIA

Cellular
Telecommunications
Industry Association
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January 19, 1994

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
1991 M Street, N.W. Room 222
Washington, D.C. 20554

Building The
Wireless Future

Re: Ex Parte Filing
Docket No. 93-62 (EMF Rulemaking)
Docket No. 93-252 (Regulatory Parity)
Docket No. 93-253 (Competitive Bidding)
GEN Docket No. 90-314 (Personal Communications Services)

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Dear Mr. Caton:

On Tuesday, January 18, 1994, Thomas E. Wheeler, President and Chief Executive Officer of the Cellular Telecommunications Industry Association ("CTIA"), met with FCC Chairman Reed Hundt, and provided him with the attached briefing materials.

This document outlines basic information about the cellular industry and major issues as CTIA has identified them. The views expressed in this meeting and in the accompanying document reflect CTIA's positions as previously filed in these proceedings.

Pursuant to section 1.1206(a)(1) of the Commission's rules, an original and one copy of the instant filing are being filed with your office for each of the above-indicated proceedings.

If there are any questions concerning this submission, please contact the undersigned at (202) 785-0081.

Sincerely,

Robert F. Roche

Attachment

cc: Chairman Hundt

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BUILDING THE WIRELESS FUTURE

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Basic Information

15 million Subscribers

Growing 11,000 daily

Rural and urban

1468 licenses; 480 companies (approx)

100,000 employees (all sectors)

Positive balance of trade



Major Issues: Regulatory

- **Commercial Mobile Services Rulemaking**
 - Parity among providers

- **PCS Rulemaking**
 - 2.5 MHz PCS (CDMA) = 25MHz cellular
 - Cellular experience: smaller areas = faster service = no "have nots"
 - Smaller spectrum & smaller geography = small company opportunities
 - Attribution/Overlap rules should follow existing standards

- **Spectrum Auctions**
 - Simultaneous
 - Open

- **EMF Rulemaking**



Major Issues: Legislation

- MFJ

- Wireless InterLATA restrictions

- Infrastructure/Competitive Local Loop

- Public Switched Telephone Network vs. Competitive Services Telephone Network

- ✓ The Bottleneck
- ✓ Essential Services
- ✓ Supported by CSTN

- ✓ Multiple competitors
- ✓ Competitive services
- ✓ Contributes to PSTN maintenance



Major Issues: Operational

- **Backbone Network**
- **Seamless roaming**
- **Fraud**
- **Numbering**
- **Wireless Data**



Major Issue: Health

- **Litigation driven**
 - Reynard v. NEC
 - Kane v. Motorola
 - Electromagnetic Radiation Case Evaluation Team (EMRCET)

- **Scientific basis of safety**
 - ANSI/IEEE standard
 - ✓ 120 scientists, engineers & physicians
 - ✓ 7 years work to establish threshold
 - ✓ Threshold x 50 safety factor = standard

 - Univ Utah/NIH grant
 - ✓ peak cellular absorption 4-5 times lower than standard

 - FDA
 - ✓ no direct link evidence
 - ✓ too soon to assure safety or hazard
 - ✓ research needed

- **Industry-supported research**
 - Independent and credible
 - \$15-25 million, 3-5 years
 - Four areas underway
 - ✓ Dosimetry
 - ✓ Epidemiology
 - ✓ In vivo
 - ✓ In vitro