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March 21, 2006

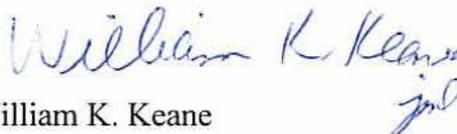
Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Washington, DC 20554

**Re: Ex Parte Communication**  
**IB Docket No. 02-364**  
**ET Docket No. 00-258**

Dear Ms. Dortch:

Yesterday, the undersigned, accompanied by Jeffrey Okamitsu, Vice-President-Technology, Fusion UV Systems, Inc. ("Fusion"), met with Commissioner Michael Copps and his legal assistant, John Giusti, regarding the above-captioned proceedings. The points discussed during the meeting are set forth in Fusion's earlier filings in these dockets. In particular, Fusion addressed the diversity of ISM devices used throughout U.S. manufacturing and the disruption and costs that would be imposed on American industry if out-of-band emission limits were applied within the ISM band.

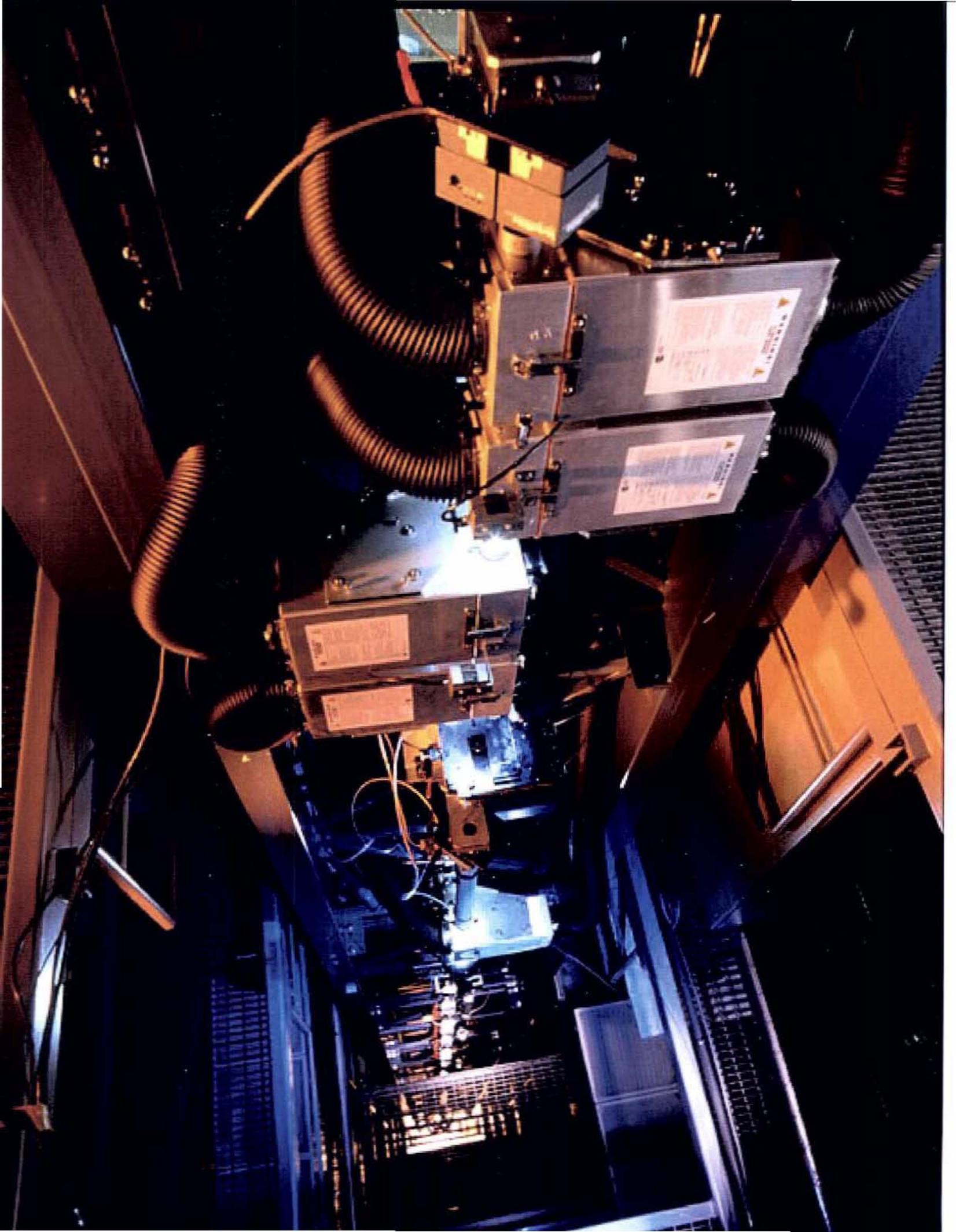
Respectfully submitted,

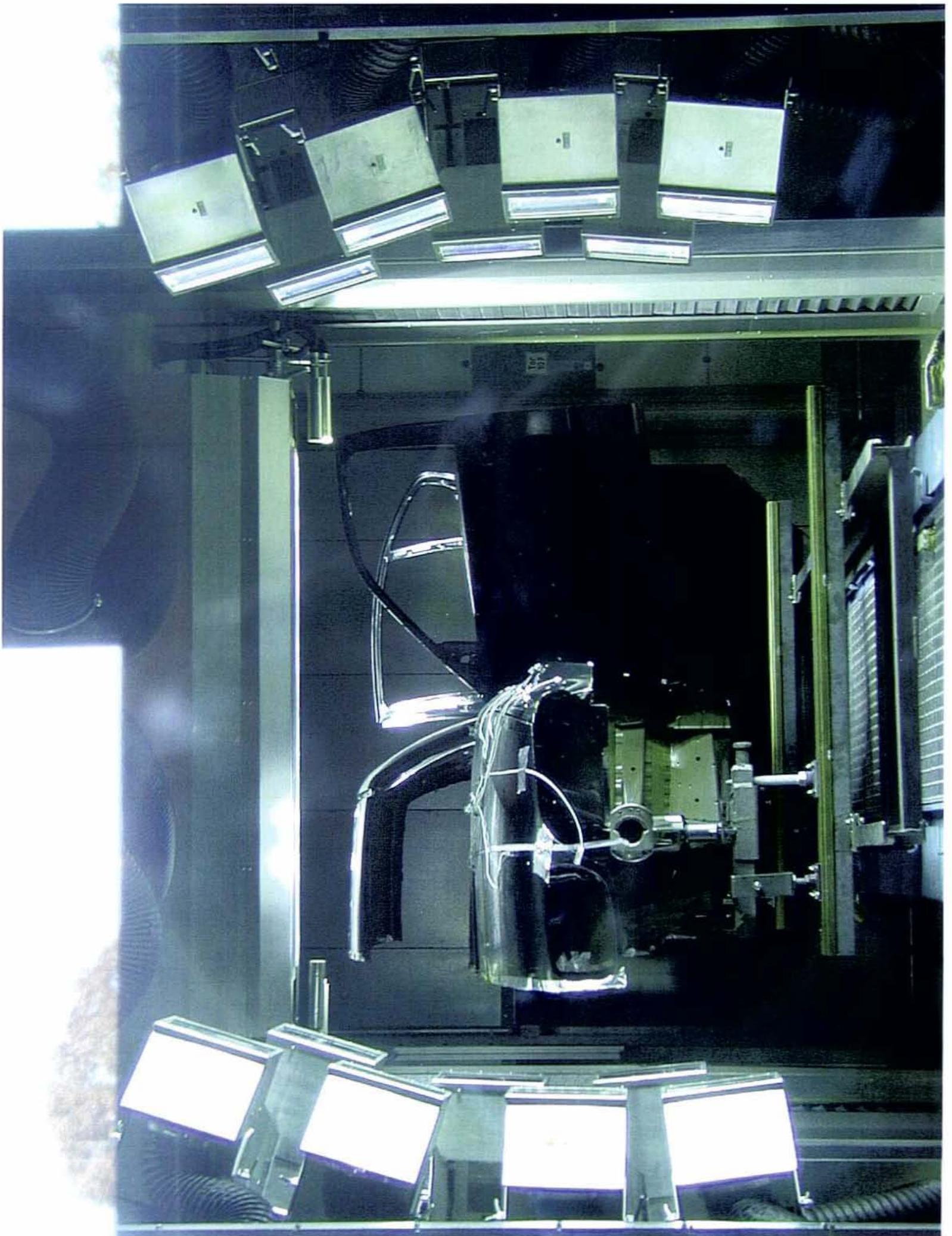
  
William K. Keane

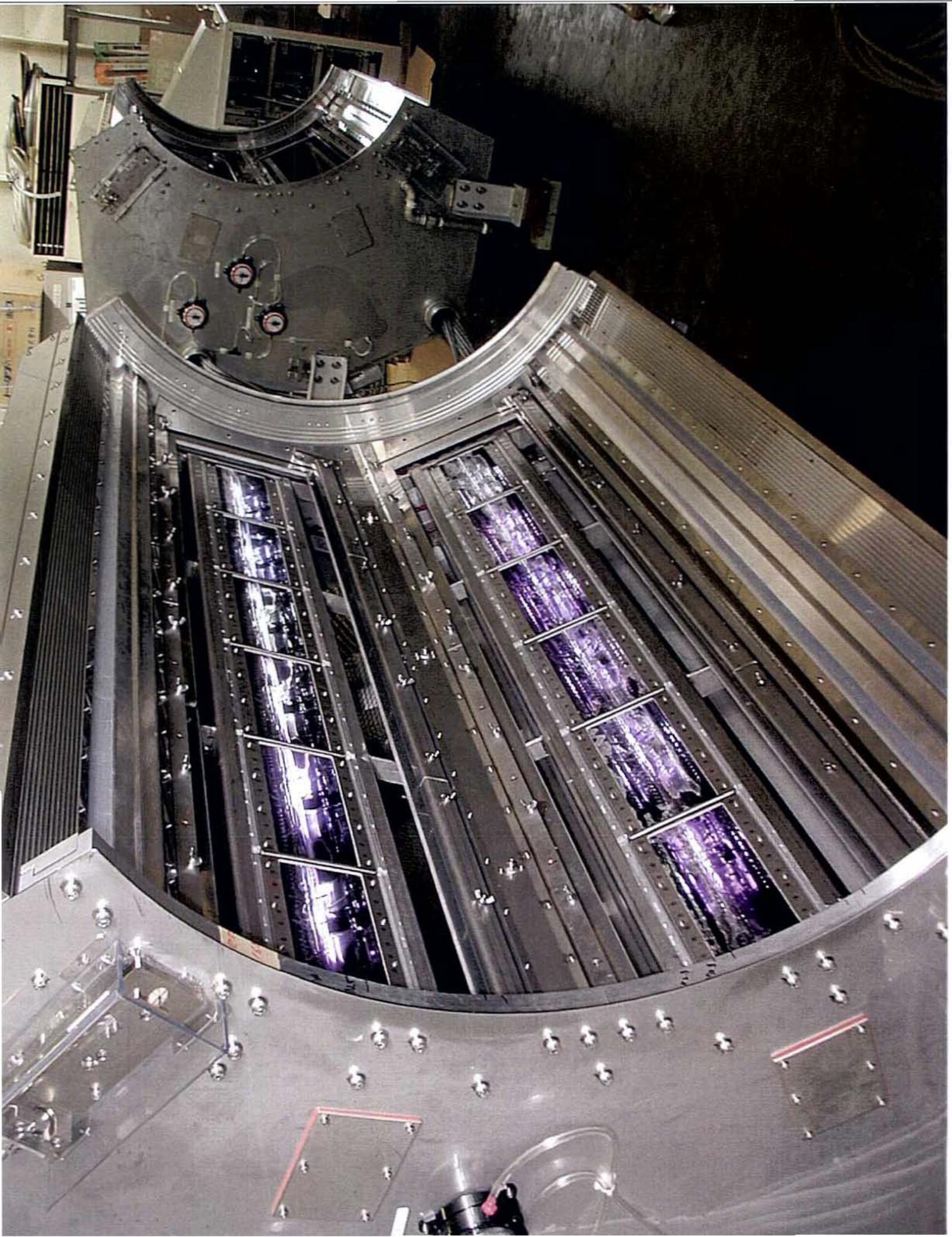
Of Counsel:

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cc: Commissioner Michael Copps  
John Giusti, Legal Adviser









**Examples of Microwave Devices Used in Industrial Settings**

1. Tempering -- (raises the temperature of food to permit processing such as slicing, dicing, pressing, and molding of the product)
2. Diamond Coatings -- (obtained through chemical vapor deposition occurring in a microwave plasma in appropriate gases)
3. Vulcanizing -- (preheating of rubber products such as tires and refrigerator door seals)
4. Drying -- (sand cores in foundries, wood and plastics (e.g. quick glue drying in furniture making and boat building), textiles, green tea)
5. Curing -- (ultraviolet curing used for a wide variety of products in numerous industries)
6. Sintering -- (for the manufacturer of ceramics)
7. Chemistry -- (microwave-enhanced chemical reactions, e.g. pasteurization, pharmaceutical drying, tissue fixation, and warming of physiological fluids)
8. Sterilization -- (to extend shelf life for foods, e.g. military rations)
9. Interferometry -- (precision machining on large surfaces)
10. Sealing -- (manufacture of pre-formed body parts for automobiles)
11. Cleaning -- (ultrasound devices used in the jewelry industry)