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Proceedings of the 20th DOE/NRC Nuclear Air Cleaning Conference

Sessions 1 - 5

Held in Boston, Massachusetts
August 22-25, 1988

Edited by M. W. First

Sponsored by
U.S. Department of Energy
U.S. Nuclear Regulatory Commission
The Harvard Air Cleaning Laboratory

Proceedings prepared by
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**Proceedings prepared by
The Harvard Air Cleaning Laboratory**

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20th DOE/NRC NUCLEAR AIR CLEANING CONFERENCE

FOREWORD

The full realization of a useful scientific/engineering conference from inception to published form requires participation of many individuals and the provision of adequate funding. The 20th DOE/NRC Nuclear Air Cleaning Conference has been greatly favored in both areas. Funding has once again been provided jointly by the U.S. Department of Energy, Office of Nuclear Safety, and the U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation. Both agencies placed their confidence in the Harvard Air Cleaning Laboratory to administer the Conference by providing the gentlest of guidance combined with a maximum of support. The Conference Chairman acknowledges his debt to Dr. Charles Kelber and Mr. Charles Willis of the NRC and to Mr. Robert Kratzke and Mr. Darrell Huff of the DOE for their unwavering help with their respective agencies throughout the entire process.

Our thanks are extended again to Betty Moeller and Julia First for arranging for and carrying out the many hospitality functions designed to comfort and entertain all the family members of those attending the technical sessions. A special note of appreciation is extended to my assistant, Joan Sullivan, who performed all the really important tasks associated with conducting an orderly technical conference; from sending out notices, to keeping track of preprints and papers and manning the registration desk, to the final assembly of the camera-ready Proceedings.

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