

- macy budget, 1989-1994. Thirty-third annual meeting of the Infectious Diseases Society of America; September 16-18, 1995; San Francisco, CA. Abstract 151.
22. Roblin X, Gauzere BA, Lugagne N, Chan-Ou-Teung F, Graber D, Paganin F. Preliminary results of the use of a new type of prescription form (NPF) in reducing inappropriate use and anti-infective agents (AA) costs. Fourth International Conference on the Prevention of Infection; May 6-7, 1996; Nice, France. Abstract P605.
23. Soumerai SB, Avorn J, Taylor WC, Wessels M, Maher D, Hawley SL. Improving choice of prescribed antibiotics through concurrent reminders in an educational order form. *Med Care* 1993;31:552-558.
24. Soumerai SB, McLaughlin TJ, Avorn J. Quality assurance for drug prescribing. *Qual Assur Health Care* 1990;2:37-58.
25. Durbin WA Jr, Lapidus B, Goldmann DA. Improved antibiotic usage following introduction of a novel prescription system. *JAMA* 1981;246:1796-1800.
26. Goldmann DA, Weinstein RA, Wenzel RP, et al. Strategies to prevent and control the emergence and spread of antimicrobial-resistant microorganisms in hospitals. A challenge to hospital leadership. *JAMA* 1996;275:234-240.
27. Department of Health and Human Services, Centers for Disease Control and Prevention. Draft guideline for isolation precautions in hospitals. *Federal Register* 1994;59:55552-55570.

EPA Reopens Comments on Medical Waste Incinerators

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On February 27, 1995, the Environmental Protection Agency (EPA) issued proposed performance standards and emission guidelines for new and existing medical waste incinerators, which experts estimated would result in closure of 80% of hospital incinerators.¹ These proposed incinerator standards were part of a long-standing battle between healthcare facilities and the EPA following the release of an EPA report that identified medical waste incinerators as the major source of dioxin pollution. A special panel of experts, convened by the American Hospital Association to respond to the EPA report, showed that medical waste incinerators contributed to 0.2% of the total toxic equivalents and 1.5% of the known sources of dioxin and not 55% as the EPA report claimed.

The EPA made a commitment to reconsider these February 1995 pro-

posed rules, based on new information submitted. On June 20, 1996, the EPA issued a notice of availability of supplemental information and reopening of the comment period to consider the proposed performance standards and emission guidelines for medical waste incinerators.²

Medical waste expert Dr. Nelson Slavik (Environmental Health Management Systems, South Bend, IN) predicts that the EPA's proposed permissible emission levels of HCl (15 ppm) and Dioxin (125 ppm) will make most hospital-based medical waste incinerators economically unfeasible.

"The biggest mistake the EPA is making is that they are still looking at the concentration of the emission chemicals rather than the total volume of emissions," Slavik noted.

The definition of medical waste has been narrowed slightly and is proposed to be similar to the New York State definition of medical waste, which includes cultures and stocks of infectious agents, human pathologic

waste, human blood and blood products, used and unused sharps, and animal waste. The proposal also includes emission testing, and specific training and qualification requirements for incinerator operators.

A public meeting was scheduled to be held on July 10, 1996, in Alexandria, Virginia. Written comments were due on August 8, 1996, at the Air and Radiation Docket Information Center, Attn: Docket No. A-91-61, US EPA, 401 M St SW, Washington, DC 20460.

FROM: 1. Pugliese G. EPA's proposed regulations could shut down majority of hospital incinerators. *Infect Control Hosp Epidemiol* 1995;16:259. Medical News.

2. Environmental Protection Agency. Standards of performance for new stationary sources and emission guidelines for existing sources: medical waste incinerators; proposed rule. *Federal Register* June 20, 1996;61(120):31736-31779.