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ANSI/HPS N13.1-2011

Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities

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The 2011 version of this standard is a re-affirmation of the 1999 version, performed under the authority of the Health Physics Society Accredited Standards Committee (ASC) N13, *Radiation Protection*. The Working Group responsible for this standard had the following members:

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Under the requirements of ANSI, this standard must be reviewed every 10 years. Comments and suggestions that may be helpful in the next review can be sent to:

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This standard was consensus balloted and approved by the ANSI-Accredited HPS N13 Committee on 4 June 1998. At the time of balloting, the HPS N13 Committee had the following membership:

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Abstract

American National Standard N13.1 sets forth guidelines and performance criteria for sampling the emissions of airborne radioactive substances in the air discharge ducts and stacks of nuclear facilities. Emphasis is on extractive sampling from a location in a stack or duct where the contaminant is well mixed. At such a location, sampling may be conducted at a single point. This standard provides performance-based criteria for the use of air sampling probes, transport lines, sample collectors, sample monitoring instruments, and gas flow measuring methods. This standard also covers sampling program objectives, quality assurance issues, developing air sampling action levels, system optimization, and s ystem performance verification. Workplace, containment, and env ironmental air monitoring are not addressed. Specific sample analysis methods and the reporting or interpreting of results are also not addressed.