

AIR MONITORING GROUP (AMUG)

FOUNDED 1989

MEETS TWICE ANNUALLY

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WEB PAGE BEING REVISED

AIR MONITORING USERS GROUP (AMUG)

WHAT, WHO, WHERE, WHEN?

- Founded in 1989 by U.S. D.O.E. LABS and others to address Air Monitoring Issues
- Meets twice/year: at locations sponsored by D.O.E. Labs and at the Annual Health Physics Society (HPS) Meeting
- Most recent Annual meeting (17TH) held at Cities of Gold Hotel,, Pojoaque, NM sponsored by Los Alamos National Laboratory
- Next Annual Meeting is scheduled for Spring, 2006 at Argonne National Laboratory near Chicago, ILL
- Next meeting is during the Annual Health Physics Society Meeting, 13 JULY, 6 TO 8 PM, Spokane, WA

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BASIC ISSUES INCLUDE:

- Physics of Aerosols and Gases
- Measuring Airborne Particulates including particle size distributions
- Measurement of Gases
- Aerosol Measurements Under Normal and Emergency Conditions
- Appropriate Sampling and Measuring Instruments
- Relevant Meteorological Effects

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SPECIFIC AIR MONITORING ISSUES:

- Alpha Air Monitoring, Considering Radon and Radon Progeny Backgrounds
- Beta Air Monitoring, Considering Radon and Radon Progeny Backgrounds
- Noble Gas Monitoring
- Tritium Monitoring Considering the Various Form of Tritium
- Iodine Monitoring Considering the Various Forms of Iodine

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APPLICABLE STANDARDS:

- American National Standards Institute (ANSI) – and International Electrotechnical commission (IEC)
- ANSI N42.30 for Tritium; ANSI N323C for Performance Criteria and Testing of Air Monitors; ANSI N13.1 for Measuring Effluent from Stacks and Ducts ANSI N42.17 B for Design Specifications
- IEC 60761 in Five Parts Including General and Specific Requirements, Noble Gas Monitoring, Iodine Monitoring and Tritium Monitoring

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TYPICAL MEETING AGENDA:

- Manufacturer/Supplier Issues
- Who are the Suppliers of Air Sampling and Monitoring Equipment
- All Manufacturers are Invited to Each AMUG Meeting and are invited to Present Products, Services, and Technology
- All AMUG Sessions are Open to Members, Manufacturers and the Public

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WE WANT YOUR PARTICIPATION!

- Health Physicists from Nuclear Power Plants, Medical Centers, and other Nuclear Facilities Have Traditionally been invited to AMUG Meetings
- Some Nuclear Power Health Physicists that have Expressed Interest include Tim Martinson, and Henry Fong + others
- The Invitation is still OPEN and Your Issues and Inputs are WELCOME!

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LET'S GET TOGETHER!

- The next AMUG Meeting is at the Annual Health Physics Society Meeting in Spokane, WA, 13 JULY 2005, 6 to 8 PM
- You are Invited to Participate!
- Please Bring your Issues and Your Questions