

# Other Support Services

## Dosimetry

Dade Moeller can design radiation dosimetry and workplace monitoring programs; supply dosimeters for routine or emergency monitoring; and provide dose analysis and reconstruction for any kind of facility and source.



We are an authorized distributor of dosimeters and related products for the Global Dosimetry Division of Mirion Technologies.

## Instrument Calibration



We can calibrate portable and installed radiation monitoring instruments. To date we have performed over 15,000 calibrations. Our procedures follow ANSI N323a-1997 using NIST traceable sources. We document the

instrument's detection efficiency and place labels on the meter and the probe to show proper calibration.

## License Termination

Dade Moeller has been highly successful in defining final status radiation limits for closure and environmental restoration, advancing public understanding, and moving restoration forward based on valid assessments. We advise on radioactive and mixed waste storage, treatment, and disposal issues, and prepare technical reports to support license termination.

## Final Status Surveys

Dade Moeller has technicians, instrumentation, and an analytical laboratory available to support decommissioning characterization or final status surveys. For large projects, we can provide records management support.



Dade Moeller & Associates is an award-winning employee-owned small business specializing in occupational and environmental health and safety.

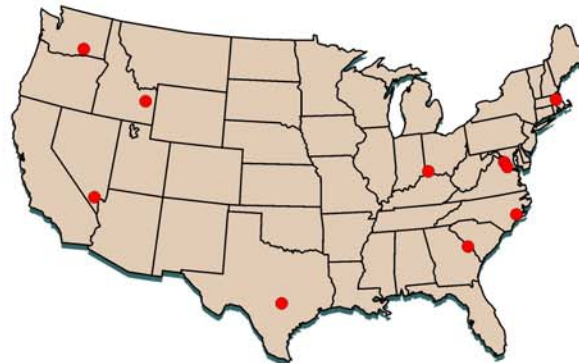
We specialize in consulting, training, and support services for users of radioactive materials and radiation-generating equipment.

Our Certified Health Physicists, Industrial Hygienists, and Safety Professionals are well-recognized national experts in safety with extensive experience working in and managing radiation safety programs.

**For more information, please contact**

**Alan Fellman • 301.990.6006  
Alan.Fellman@moellerinc.com**

**Steve Bump • 509.946.0410, ext. 269  
sbump@moellerinc.com**



Acton MA  
Augusta GA  
Austin TX  
Cincinnati OH  
Fairfax VA

Gaithersburg MD  
Idaho Falls, ID  
Las Vegas NV  
New Bern NC  
Richland WA

# Radiation Licensing & Safety Program Services



Specializing in Occupational and Environmental Health Sciences

**509.946.0410**



# Dade Moeller & Associates®



Dr. Dade Moeller, CHP, PE

Companies and institutions that use radioactive materials or radiation generating equipment as part of their operations must comply with a myriad of regulations. Dade Moeller & Associates has the full complement of experts needed to fulfill all regulatory requirements.

- Preparation of license applications
- License maintenance and compliance
- Radiation safety program development
- Training/qualification of company personnel
- Program audits and assessments
- ALARA evaluations and radiological design reviews
- Incident investigation, root cause analysis, and corrective action determination
- Radiation dosimetry and dose reconstruction
- X-ray and sealed source safety consultation

Involving experts early is cost effective and saves valuable time in obtaining licenses and developing and amending safety programs.

Dade Moeller has over 30 Certified Health Physicists, as well as industrial hygiene and occupational safety professionals experienced in radiation safety programs. With more than 100 health and safety professionals with relevant and comprehensive experience, our experts can complete work quickly and cost effectively for our clients.

## Licensing

Applying for and maintaining a Radioactive Materials License can be technically daunting and expensive. Dade Moeller has experience supporting clients in all safety program aspects. We can streamline and expedite the licensing effort by helping you:

- Prepare license application and modifications
- Develop written radiation safety program
- Communicate with regulators on your behalf
- Qualify or provide Radiation Safety Officer
- Implement and maintain license conditions
- Specify required equipment and services
- Train personnel to fulfill license requirements
- Prepare characterization or final status survey and license termination

Dade Moeller recently secured the license for a radioactive material disposal site in nine months, an unparalleled schedule accomplishment. For a new analytical laboratory, we developed the radiation safety program and obtained a specific license in less than six months. Dade Moeller experts can save you time and ensure cost-effective success in securing and maintaining a license for your business.



## Training



Dade Moeller provides onsite and offsite training. Our recent acquisition of the Radiation Safety Academy further expands these capabilities. We currently provide over 30 courses, including:

- Radiation Safety Officer
- Medical radiation and X-ray machine safety
- Transportation of radioactive materials (DOT)
- Nuclear gauge safety
- Liquid scintillation counting
- Radiation safety technician
- Emergency response
- Radioactive waste management



Dr. Ray Johnson, CHP  
Academy Founder

Our training can be tailored to your particular needs to ensure compliance with your license conditions. We also offer on-line training modules via the World Wide Web.

## Audits

Dade Moeller has expert staff available to conduct independent compliance- and performance-based assessments of radiation safety programs. We bring a large backlog of practical experience to every assignment, and our clients have come to depend on our ability to identify significant issues and recommend innovative improvements. Our observations and opinions are always honest and forthright when discussing potential concerns. We present information on uncertainties, risks, and costs, and recommend proactive solutions for our customers.