



Characterization and Classification

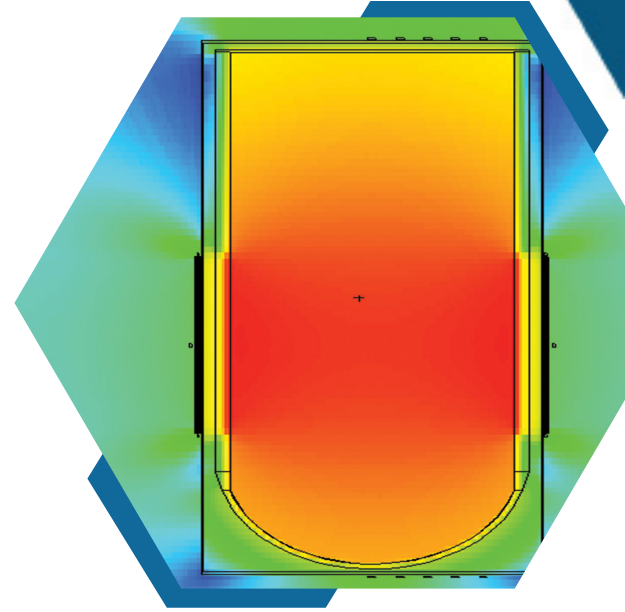
Accurate and systematic actions are crucial in radioactive waste management to ensure correct and reliable results. The initial step for any successful waste management project is proper characterization, NRC Classification, and DOT Classification. At WMG, we pride ourselves as the industry leader in providing defensible characterization and classification results.

Characterization aims to determine waste weight, volume, and activity for each radionuclide present in the radioactive material. NRC and DOT classification is then determined based on extensive rules and laws governing radioactive waste transportation and disposal. Our expertise in characterizing routine waste streams also allows us to provide unparalleled services for any radioactive material.

Routine Radioactive Material

Since the introduction of 10 CFR 61, WMG has been simplifying the characterization and classification process for commercial nuclear utilities' routine plant wastes. We stay actively engaged in the development and enhancement of regulations governing these activities to ensure that utility perspectives are appropriately considered and represented in both NRC and DOT regulatory processes.

In addition, we are pleased to provide characterization and classification analysis for routine projects. Perhaps the customer lacks the resources or simply prefers to have the industry-leading experts perform this service.



Non- Routine Radioactive Material

At WMG, non-routine projects refer to unique scenarios such as large or rare components, unusual waste streams, or legacy waste where the desired data may not have been collected or retained. These projects typically require innovative solutions for characterization, shielding, and packaging.

These unique and challenging scenarios allow us to use our creativity and expertise to come up with simple solutions to complex problems. Our new REACH™ detectors provide in-situ gamma spectroscopy, which is a leap forward for legacy waste characterization.


Irradiated Components

At WMG, our expert analysts are industry leaders in this service and are committed to providing accurate and reliable results. Common examples of irradiated components include BWR Control Rod Blades, Reactor Vessels & Internals, as well as Nuclear Instrumentation from both BWRs and PWRs.

Get in Touch with Us

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