

## Radiation Regulations Development - Part 16

### What do the proposed regulatory amendments address?

While there have been only a few minor changes to federal rules governing well logging in the past several years, Colorado's Part 6 language and phrasing and requirements differ from federal rule and have been this way for a number of years. For consistency with federal rule, and the national program for regulation of such materials, changes are being proposed to better align Colorado rule with federal requirements and language.

The proposed regulatory amendment will address the following:

- Change to the title of the rule to "Radiation Safety Requirements for Well Logging", in line with the title of the parallel federal rule.
- Modification of several definitions and the addition of one definition for consistency with federal rules.
- Addition of a section pertaining to licensing requirements specific for well logging, and parallel with the requirements contained in 10 CFR Part 39.

Specific provisions will require license applicants and those renewing licenses to:

- Provide specific procedures for initial and on the job training for logging supervisors and assistants.
- Provide written operating and emergency procedures.
- Provide a program for annual job performance evaluation/inspections of logging supervisors and assistants.
- Provide procedures for performing leak testing and analysis of sources under their license when licensees wish to perform their own testing.
- Make updates to, and add specific requirements pertaining to the well owner agreement for consistency with federal rules.
- Change the record retention requirements from 2 years to 3 years, consistent with the routine inspection cycle for well logging licensees and federal rule record retention requirements.
- Require a more sensitive radiation survey instrument available to detect contamination levels encountered in the event of a sealed source rupture consistent with federal rules.
- Reduce the frequency for physical inventory of sources from quarterly to semi-annual consistent with federal rule.

- Introduce a pre-use visual inspection program requirement for logging equipment, as well as updates to the requirements for the currently required routine semi-annual inspection program consistent with federal rule.
- Update the requirements and language for performing jobsite radiation surveys consistent with federal rule.
- Update the requirements and language for notifications pertaining to incidents, loss, or source abandonment activities consistent with federal rule.

### **Who is impacted by the proposed rule changes?**

The types of facilities or industries that are anticipated to be impacted by the proposed changes are specific radioactive materials licensees or applicants for specific radioactive materials licenses who perform well logging activities, including wireline service activities and field tracer studies using radioactive materials.