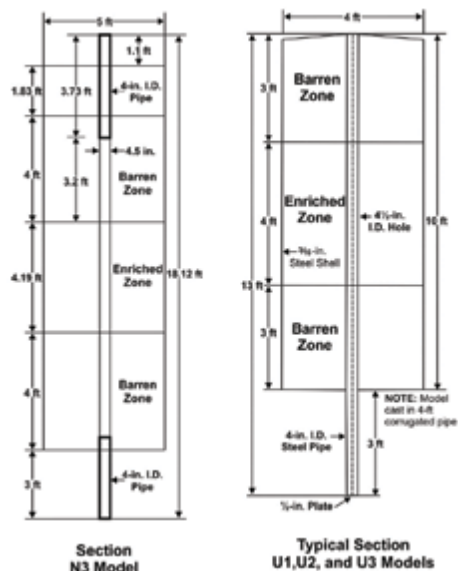
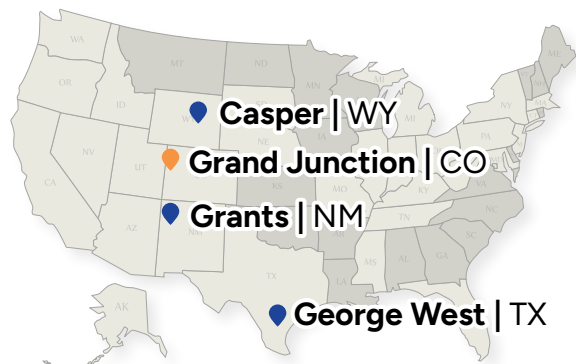


Grand Junction N3, U1, U2 and U3 Models



Secondary Calibration Facilities

Three secondary calibration facilities were constructed near major uranium production areas. These sites in Casper, Wyoming; Grants, New Mexico; and George West, Texas, contain borehole models for gross gamma ray, spectral gamma ray, and fission-neutron well-logging detectors. The secondary sites have small surface pads used for handheld detectors. Unlike the primary facility in Grand Junction, secondary facilities do not have water-factor or casing-correction models.



- Orange dot: Primary Calibration Facility
- Blue dot: Secondary Calibration Facility

Uranium Mine Remediation Support

The Grants, New Mexico, facility is used to support remediation of abandoned uranium mines on public lands by providing a nearby calibration source for handheld detectors. Proper calibration ensures elevated radioactive materials are identified accurately so their response to the environment they are monitoring is accurate and correct. The DOE Defense-Related Uranium Mines program uses spectral gamma instruments calibrated at the large area pads located at the Grand Junction Regional Airport for this purpose.

User Requirements

Users may access the facilities, but must first sign a hold-harmless agreement stating that they operate under their own safety requirements. If users carry a sealed well-logging source, they must comply with the conditions of their radioactive materials license and contact the Radiological Control Manager at the DOE office in Grand Junction. Visitors who are foreign nationals must complete and submit the Unclassified Foreign National Visits and Assignments Questionnaire 30 days before accessing the facilities, available on the website link below.

All facilities are available to users free of charge, but usage must report to the DOE office in Grand Junction. Please call to request access or more information. Additional information and technical documents are posted on the DOE Office of Legacy Management website.



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www.energy.gov/lm/services/calibration-facilities

Radiation Detector Calibration Facilities



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