



Region I Office  
Division of Radiological Safety and Security  
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## Telephone Conversation Record

Date: April 30, 2025

License No. 47-07830-01

Docket No.(no hyphens): 030-06674

Mail Control/Report No. 2025001

Licensee Name: WV Department of Transportation (WVDOT), Division of Highways

Participant(s) Name/Title: Bradley Schmidt

Work Telephone No. 304-637-0220

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NRC Representative Name/Title: Randolph Ragland, Sr. HP

Subject: Damaged gauge Event on April 29, 2025

Discussion: On April 29, 2025, Benjamin Whelan, RSO, WV DOT contacted Juan Ayala, NRC Region I, and informed him of a damaged gauge event. On April 29, 2025, Randolph Ragland, NRC Region I, contacted Mr. Wehlan and confirmed that the gauge was currently in a safe and secure condition and the gauge remained shielded during the entire event. On April 30, 2025, Randolph Ragland, NRC Region I, contacted Bradley Schmidt, WV DOT, to gather additional details. Mr. Schmidt reported that around 2:00 pm on April 29, 2025, a WV DOT technician was conducting measurements on at a job site near 98 Wolf Run Road, Parsons, WV (GPS Coordinates 39.120278, -79.635000). The technician took the gauge out to change settings and placed it on the open tailgate of the truck. The technician realized that he needed to get a 4-wheeler to navigate steep terrain and jumped in the truck and drove to pick up the 4-wheeler; forgetting that the gauge was not secured in the back of the truck. When the technician made a sharp turn, the gauge fell out of the truck and was damaged. The technician immediately realized this and recovered the gauge. The gauge source rod was damaged, but the source remained in a shielded condition. The technician placed the gauge in a transport container, secured the gauge in a Conex box with two tangible barriers to prevent unauthorized removal, and contacted his office for guidance. Bradley Schmidt, WV DOT, arrived at the scene with a calibrated Radiation Alert 200 survey meter and conducted surveys. There were no elevated readings on the gauge, no elevated radiation readings where the gauge fell onto the ground, and Mr. Schmidt took source leak test samples for both the Am-241 and Cs-137 sources. Preliminary leak test measurements with the Rad Alert 200 showed no measurable readings on the contamination smears.

Because the source remained shielded during the event, a 24-hour report to NRC was not required per 10 CFR 30.52 (b)(2). However, WV DOT did notify the NRC Region I staff at 4:03 pm of the event.

` Once WV DOT gets the contamination smears analyzed to confirm no leakage of contamination, they plan to transport the gauge to their office located at 1101 North Randolph Avenue, Elkins, West Virginia 26241. The gauge is currently safe and secure.



Action Required: NRC will review this event in an inspection scheduled for the summer of 2025.

#### SUNSI REVIEW

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SUNSI Review Completed by: R. Ragland 4/30/2025