

December 2, 2019

Materials Licensing and Inspection Branch  
U.S Nuclear Regulatory Commission  
Region IV, Material Licensing Section  
1600 E. Lamar Blvd.  
Arlington, TX 76011-4511

**RE: Event Notice – 54411, Hartford, CT**

To Whom It May Concern,

This letter serves as written notification of a portable nuclear gauge incident Terracon reported to the Nuclear Regulatory Commission emergency operation center on November 25<sup>th</sup>, 2019.

On November 25<sup>th</sup>, 2018, Terracon Technician Tracey Eggleston reported the below incident to Kristian Swanson (Location RSO), Erik Armas (Project Manager) and Mike Sullivan (Office Manager). Kristian Swanson communicated the incident to Adam Maier (Corporate RSO) on November 25<sup>th</sup>, 2019 at 3:59 Est, the day of incident. Terracon in turn reported the incident to the NRC on the same day.

**Summary of Incident:**

On November 25<sup>th</sup>, 2019, Tracey Eggleston, Terracon technician, was working at a temporary job site in Killingly, Connecticut, performing asphalt compaction studies for a highway project. After completing work, the technician placed the portable nuclear gauge (Humboldt Model 5001C Serial No. 2301) on the lowered tailgate in the back of the pickup truck to allow it to cool off from testing hot asphalt before placing it in the Type A transport case. After placing the gauge on the tailgate next to the transportation case, the technician went to the cab of the vehicle to complete the paperwork for the day's activities. This was contrary to her training at Terracon.

After working on paperwork, the technician drove away from the site, and proceeded on 73 Thompson Pike to Heritage Road in Killingly, CT. Tracey then proceeded on highway 395N until right before exit 49 where she realized her tailgate was still down (Attached Map). She proceeded to the next exit (50) to get off and turn around to return to the site to start looking for the gauge.

Kristian and Erik dispatched out to the site to help search for the missing gauge. Once the gauge was discovered missing, Adam Maier (Corporate RSO) contacted the NRC to inform them of the incident and Kristian and Erik contacted police department. It was determined the police

department located the gauge at approximate 4:30 EST and took it back to the police department. It was later picked up by Kristina and Erik after completing a radiation survey showing no exposure or leaks. After securing the gauge in the transport container, it was transported in accordance with NRC and DOT requirements back to the Terracon office in Hartford, CT. Upon return, the gauge was tagged out-of-service and sent in for repairs (Photo Attached).

If you have any questions on the responses above or require further actions, please contact the undersigned.

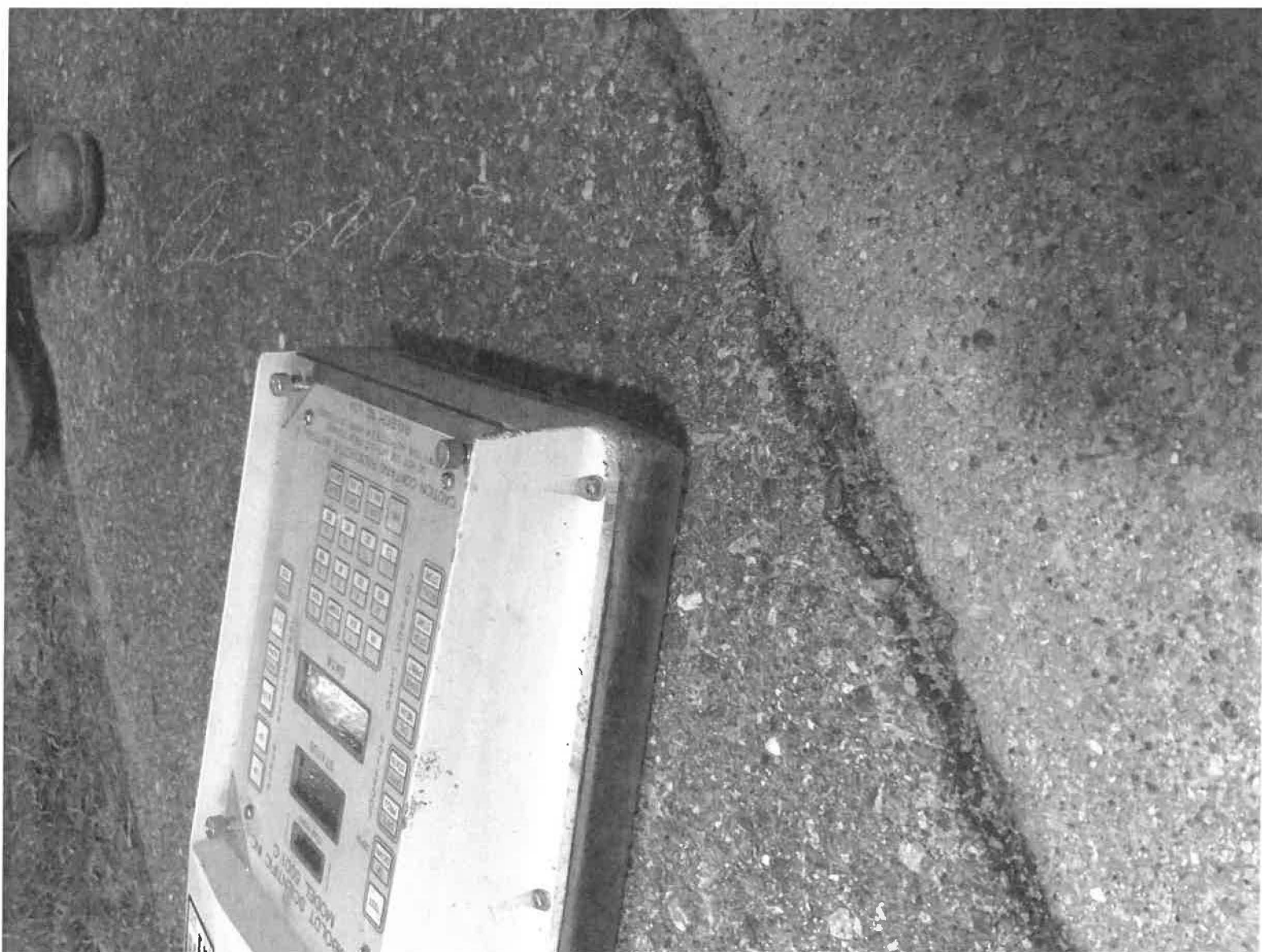
Thank you,



**Adam Maier, CSP**  
**Corporate Radiation Safety Officer**  
**EOG Corporate Safety Professional**

**Terracon**

10841 S. Ridgeview Road | Olathe, KS 66061  
D (913) 202 7529 | M (913) 433 3387 | F (913) 307-1910  
[adam.maier@terracon.com](mailto:adam.maier@terracon.com) | [terracon.com](http://terracon.com)



highway entrance

Heritage Rd

Five Mile River Rd

[ 21 ]

[ 32 ]

Hurry Hill Rd

Putnam Heights

Pinevi

River Rd

  
**73 Thompson Pike,  
Killingly, CT 06241**

Ballouville

Tracy Rd

Killingly Ave

Industrial Park Rd  
Park Rd

ty Dr Park Rd

395

395

