

Soil Tech, Inc.

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May 24, 2005

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Docket No. 03029222

License No. 45-24846-01

Subject: Inspection 03029222/2005001
Reply to a Notice of Violation

Dear NRC Representative,

As required, this letter is in response to the violations cited during the above referenced safety inspection performed by Jenny Johansen on April 6, 2005. In addition to addressing the specific violations and corrective measures to be taken, I would like to provide some background information about our company that may be helpful in the review process.

Soil Tech, Inc. is a small soil science and geotechnical consulting firm. Although the vast majority of our work does not require the use of a portable nuclear density gauge, we do maintain two gauges under the conditions of the above referenced license. Both gauges are permanently stored at our facility. There are four employees at the facility. The most recent of which was hired in November of 1988. All employees have passed a certified radiological safety course and are familiar with the safe, secure storage of the gauges and recognize the importance of minimizing exposure to the radioactive sources.

Given the close contact among all the employees on a daily basis, reviews of the radiation protection program, cited under heading A of the Notice of Violation, are essentially ongoing. However, effective immediately, a more formal review will be conducted and documented at the time of each leak test, which is performed on both gauges every six months.

The leak tests also serve as a physical inventory of the two gauges, such as the inventory cited under heading C of the Notice of Violation. Effective immediately, separate documentation for the inventories will be maintained.

Although all employees have passed a radiological safety course, for the past several years Mark W. Walters, whose name appears on the license, has performed the work that involves transport and operation of the gauges, and leak testing. His training certification is current and he is enrolled in the Commonwealth of Virginia Department of Transportation certification and recertification program. As has been our practice, and per NRC Inspector Jenny Johansen, with regard to heading B, no. 4 of the Notice of Violation, no personnel will be permitted to transport or handle a gauge without current training certification. If required, the role of RSO will be appointed to Mark W. Walters.

TEO?

The transport container labeling and shipping paper violations cited under heading B, nos. 1,2,3 & 5 will be corrected prior to transporting either of the gauges. The USA DOT labels and shipping papers will be updated with identification no. UN 3332 replacing UN 2974. RQ will be clearly marked on both containers, in addition to the RQ found on the USA DOT labels. New RADIOACTIVE YELLOW-II labels will be placed on both containers.

It should be noted that during a prior NRC inspection, dated March 21, 2000, no violations were cited. All of the above corrective measures, to address the current violations cited, will be implemented. Our intention has always been to comply with the NRC regulatory requirements associated with our license.

Your consideration is appreciated.



William F. Sledjeski
President/RSO

cc: Regional Administrator
Region I
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