

U.S. Nuclear Regulatory Commission, Region IV  
1600 E. Lamar Blvd.  
Arlington, Texas 76011  
Attn: Director, Division of Nuclear Material Safety

Subject: Event # 52532, Reportable Missing Material In-Transit: License # 11-27610-01  
Date: March 1, 2017

On January 18<sup>th</sup>, 2017 two Troxler nuclear density gauges (NDG's) were shipped via YRC Freight from our Idaho calibration facility to the client in Amarillo Texas. The two gauges (Make: Troxler, Models: 3411 and 3440 Plus, sn: 12605 and 39690) each contained special form sources of 8mCi of Cs-137 and 40 mCi of Am-241/Be were checked in at the Pocatello YRC Freight hub on January 18<sup>th</sup>. The gauges owner notified the Idaho calibration facility on January 31, 2017 inquiring why the gauges have not arrived. The Idaho calibration facility immediately called YRC Freight to check the status. YRC Freight after tracking and looking for the gauges notified the calibration facility that they were not at the Pocatello hub. According to YRC's tracking system as of 1/24/2017 they were still in Pocatello with no further movement toward the Amarillo Texas destination. On February 1<sup>st</sup>, the calibration facility then called on the YRC Freight account manager to apprise him of the priority situation. The account manager said he would call each hub from Pocatello to Amarillo Texas where the gauges should pass through. The account manager returned the call the same day stating they did not find the gauges in the hub along the anticipated shipping route. The calibration facility continued to pressure YRC Freight to search their system. On February 3<sup>rd</sup>, YRC Freight initiated a "corporate flag" for every dock to search for the gauges. The calibration facility also dispatched an employee with a meter to survey the Pocatello distribution hub floor and storage locations. The gauges were not found at the Pocatello hub during the survey conducted by the calibration facility representative. On February 3<sup>rd</sup>, the calibration facility RSO contacted the gauges owner to discuss the status and immediate reporting requirement. Both parties agreed to notify their respective regulators. On February 6<sup>th</sup>, the YRC account manager notified the calibration facility stating that they have not made any progress finding the missing gauges in their distribution system. On February 8<sup>th</sup>, YRC Freight notified the calibration facility/shipper that the two Troxler NDG gauges were found in their Salt Lake City Hub and they are on their way to the client in Amarillo Texas. The calibration facility RSO immediately notified the NRC Operations Center, Texas Department of Health Services incident investigator and the client.

Sincerely,

A handwritten signature in cursive script that reads "Michael Albanese".

Michael Albanese

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