

November 21, 2005

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-05- 017A

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

**Facility**

ProTechnics  
Division of Core Laboratories  
Kilgore, TX  
Texas Agreement State Licensee

**Licensee Emergency Classification**

Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

SUBJECT: FOLLOWUP ON LOST OR MISSING RADIOACTIVE MATERIAL- UPDATE

DESCRIPTION: On November 4, 2005, the state of Texas Department of State Health Services (the State) notified the NRC Operations Center (EN 42118, and EN 42130 reported by the New Mexico Radiation Control Bureau) of a lost or missing drum of ceramic beads labeled with antimony-124. The drum should have contained an ammo box with two 25-pound lead shipping pigs, each containing 40 millicuries of antimony-124. The shipment was packaged in Albuquerque, New Mexico, by Spectra Tek Services for shipment to the ProTechnics Division of Core Laboratories located in Kilgore, Texas. The State contacted the Department of Energy (DOE) and arranged for a flyover of the transportation terminals located in Texas where the shipment had stopped.

UPDATE: On November 19, 2005, DOE began the survey of the Dallas transportation terminal and surrounding area. DOE also sent a Radiological Assessment Program (RAP) team to conduct surveys of the Tyler transportation terminal and surrounding area. As of this date, the teams have not located the missing radioactive material. The State is continuing to investigate this event and has inspectors co-located with the DOE staff.

Region IV offered assistance to the State and has been following up on the investigation. Region IV has informed OEDO, NMSS, STP, and the Region's SLO and PAO.

This information has been discussed with the state and is current as of 9:45 a.m. (CST) on November 21, 2005.

ADAMS ACCESSION NUMBER: ML053250339

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