



DEPARTMENT OF THE ARMY
UNITED STATES ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND
6501 EAST 11 MILE ROAD
WARREN, MICHIGAN 48397-5000
August 4, 2010

REPLY TO
ATTENTION OF:

Safety Office

Mr. Mark Satorious
Regional Administrator
US Nuclear Regulatory Commission
Division of Nuclear Safeguards
2443 Warrenville Road Suite 210
Lisle, Illinois 60532-4352

SUBJECT: US Army 30 Day Report Pertaining to a Fire Involving Chemical Agent Detectors (ICAM and M22 ACADA) at Ft. Bragg, NC

References: NRC License no. 12-00722-06
NRC Incident Report No. 46090

Dear Mr. Satorious,

This thirty-day report is in accordance with 10 CFR Part 30.50(c)(2). The incident was reported to the licensee, TACOM-RI on 12 July 2010 by the Fort Bragg Radiation Safety Officer (RSO) involving a building fire involving Army licensed radioactive devices. The fire occurred on 2 July 2010 at Ft. Bragg, NC in a building (A-1541) belonging to the 82nd Airborne Division. The building stored the subject licensed detectors which contained Ni63 in sealed source form totaling 30 mci. The building was a total loss as a result of an electrical fire. The fire department secured the building between July 2-14 until the fire Dept completed their fire investigation and the Ft. Bragg RSO was able to determine the general location of the storage locker in which one Improved Chemical Agent Monitor (ICAM) and one Automatic Chemical Agent Detector Alarm (ACADA) were being stored.

On 15 July the Fort Bragg RSO entered the building with fire department personnel and found the devices severely burnt. Upon discovering the devices the RSO performed a direct reading survey of the immediate area and leak tested each device for removable contamination. Direct survey reading of the immediate area and leak test results from the ICAM and ACADA were both negative. No removable Ni63 was detected therefore we conclude that no exposure of Ni63 to personnel occurred as a result of this incident. The damaged licensed devices are currently in storage at the Ft. Bragg low level radwaste storage site. The licensee will dispose of the damaged devices through the US Army DOD Executive Agency for Low Level Radwaste Disposal Directorate, Rock Island, IL. The devices will remain under the control of the Fort Bragg RSO until a licensed broker is contracted to pick up the material for final disposal.

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Corrective action:

No corrective action is required regarding this reportable incident as the integrity of the devices and storage methods were sufficient to prevent release of radioactive material.

The point of contact for this incident is Mr. Thomas G. Gizicki, Senior Health Physicist, NRC License RSO, TACOM LCMC Safety Office, (309)782-2965.

Sincerely,


George G. Jarvis
TACOM LCMC Safety Director

CF:

HQ Army Material Command, ATTN AMCPE-SG-R (LTC Schley), 9301 Chapek Rd., Ft. Belvoir, VA 22060-5527

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