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U.S. ATOMIC ENERGY COMMISSION

REGULATORY GUIDE

DIRECTORATE OF REGULATORY STANDARDS

REGULATORY GUIDE 5.17

TRUCK IDENTIFICATION MARKINGS

A. INTRODUCTION

Paragraph 73.31(e) of 10 CFR Part 73, "Physical Protection of Plants and Materials," requires that vehicles used to ship by road quantities of special nuclear material identified in §73.1(b) (2) be marked on top with identifying letters or numbers which will permit identification of the vehicles under daylight conditions from the air in clear weather at 1,000 feet above ground level. This paragraph also requires that the same code of letters and numbers be marked on the sides and rear of the vehicle to permit identification from the ground. This guide identifies methods acceptable to the Regulatory staff for complying with the Commission's regulations with regard to markings applied to a road vehicle to enhance its identification from the air.

B. DISCUSSION

The Department of Transportation (DOT) has concluded a project to determine the most useful sizes, shapes, location, and colors for truck-top markings. This project was carried out by the DOT's Transportation

Systems Center, Cambridge, Massachusetts, with the assistance of the New York City Police Department. The results of the project have been published in a DOT report entitled "Truck-Top Markings for Visual Identification,"¹ DOT P 5200.8, August 1973. Chapter IV of this report presents guidelines for the appearance of truck-top markings and for suitable materials.

C. REGULATORY POSITION

The methods and materials recommended in Chapter IV of DOT publication DOT 5200.8 "Truck-Top Markings for Visual Identification"¹ are generally acceptable to the Regulatory staff for complying with the Commission's regulation for marking vehicles so that they can be identified from the air. Markings on the sides and rear of the vehicle should be similar to those on the top except that the size of the markings need not be the same.

¹ Copies may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

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