



U.S. ATOMIC ENERGY COMMISSION

June 1974

# REGULATORY GUIDE

DIRECTORATE OF REGULATORY STANDARDS

## REGULATORY GUIDE 7.1

### ADMINISTRATIVE GUIDE FOR PACKAGING AND TRANSPORTING RADIOACTIVE MATERIAL

#### A. INTRODUCTION

The Commission's regulation, 10 CFR Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions," applies to licensees of the Commission who transport licensed material or who deliver licensed material to a carrier for transport. In their transport or delivery of packages, licensees may be required by a provision of §71.5, 10 CFR Part 71, to conform to certain standards and requirements of the Department of Transportation (DOT). This regulatory guide describes a method acceptable to the Regulatory staff for licensees of the Commission to comply with that provision in §71.5 with respect to determining an applicable packaging design, package content limitation, and label which must be applied to the package.

#### B. DISCUSSION

American National Standards Institute (ANSI) Subcommittee N14.10 has prepared a standard (ANSI

N14.10.1)<sup>1</sup> to aid in determining which of the packaging and labeling regulations of the Department of Transportation apply in a given case and what must be done to comply with those regulations. This document was approved by ANSI on September 14, 1973.

#### C. REGULATORY POSITION

The guidance contained in ANSI N14.10.1, "Administrative Guide for Packaging and Transporting Radioactive Materials," dated September 14, 1973, constitutes a generally acceptable procedure for assessing the packaging and labeling requirements for the transportation of any specific isotope and quantity of radioactive material.

Preliminary work is underway on amendments to DOT regulations. If adopted, they may render the ANSI standard incomplete or inapplicable.

<sup>1</sup>Copies may be obtained from the American National Standards Institute, Inc. 1430 Broadway, New York, N.Y. 10018.

---

#### USAEC REGULATORY GUIDES

Regulatory Guides are issued to describe and make available to the public methods acceptable to the AEC Regulatory staff of implementing specific parts of the Commission's regulations, to delineate techniques used by the staff in evaluating specific problems or postulated accidents, or to provide guidance to applicants. Regulatory Guides are not substitutes for regulations and compliance with them is not required. Methods and solutions different from those set out in the guides will be acceptable if they provide a basis for the findings requisite to the issuance or continuance of a permit or license by the Commission.

Published guides will be revised periodically, as appropriate, to accommodate comments and to reflect new information or experience.

Copies of published guides may be obtained by request indicating the divisions desired to the U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Director of Regulatory Standards. Comments and suggestions for improvements in these guides are encouraged and should be sent to the Secretary of the Commission, U.S. Atomic Energy Commission, Washington, D.C. 20545, Attention: Chief, Public Proceedings Staff.

The guides are issued in the following ten broad divisions:

- |                                   |                        |
|-----------------------------------|------------------------|
| 1. Power Reactors                 | 6. Products            |
| 2. Research and Test Reactors     | 7. Transportation      |
| 3. Fuels and Materials Facilities | 8. Occupational Health |
| 4. Environmental and Siting       | 9. Antitrust Review    |
| 5. Materials and Plant Protection | 10. General            |