



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 1000  
ARLINGTON, TEXAS 76012

CENTRAL FILES  
PDR:HQ  
~~TIC~~  
NSIC

September 12, 1979


In Reply Refer To:  
Docket No. 50-188

Kansas State University  
Department of Nuclear Engineering  
ATTN: Dr. R. E. Faw, Director  
Nuclear Reactor Facility  
Manhattan, Kansas 66502

Gentlemen:

Enclosed is IE Information Notice No. 79-21, "Transportation and Commercial Burial of Radioactive Material," which provides information on packaging and disposal of radioactive material.

Sincerely,

  
Karl V. Seyfrit  
Director

Enclosures:

1. IE Information Notice  
No. 79-21
2. List of Information  
Notices Issued in  
Last Six Months

7909260046

1016 048

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF INSPECTION AND ENFORCEMENT  
WASHINGTON, D.C. 20555

IE Information Notice No. 79-21  
September 7, 1979  
Page 1 of 2

TRANSPORTATION AND COMMERCIAL BURIAL OF RADIOACTIVE MATERIAL

On July 10, 1979, the Governors of the Agreement States of Nevada, South Carolina, and Washington notified NRC Chairman Hendrie of the serious and repeated disregard for the rules governing the shipments of low-level radioactive wastes to their burial facilities. The problems causing the Governors' concern may be summarized as contaminated packages; improper loading of packages which results in unnecessary radiation exposure; packages containing liquids when liquids or free-standing water are not authorized to be buried; leaking packages; improper labeling of packages; and improper paperwork for shipments.

Recently, you should have received either IE Bulletin No. 79-19 or 79-20 on this subject. The enclosures to this Notice provide information regarding the regulatory requirements for the packaging, transportation and disposal of radioactive material. The requirements for packaging and transport referenced herein are applicable to shipments of all radioactive material.

The enclosed summary of radioactive waste burial criteria defines the current burial-site license and State requirements on waste form and packaging. A summary of the requirements for transportation is in the enclosed DOT publication, "A Review of the DOT Regulations for Transportation of Radioactive Materials." The enclosures are intended only as a convenient reference; they are neither a substitute for the actual regulations nor a copy of the burial site license or other burial site documents. The DOT regulatory requirements can be found in 49 CFR Parts 170-179 (Oct. 1, 1977). The NRC requirements are in 10 CFR Part 71.

To conduct your waste disposal operations properly you must comply with NRC and DOT requirements for packaging and transportation, and the waste packaged for eventual disposal at any of the three operating waste-burial sites must be in a form authorized in the particular burial-site license and State requirements. To assure that the latter requirements are met, you should coordinate your waste disposal activities with the waste collection companies and/or the waste burial site operators. The sites receiving wastes for burial are operated either by the Nuclear Engineering Co., Inc. (502-426-7160), or Chem-Nuclear Systems, Inc. (206-827-0711).

Questions about licensing requirements  
NRC's Transportation Branch (301-426-7160)

DUPLICATE DOCUMENT

Entire document previously entered  
into system under:

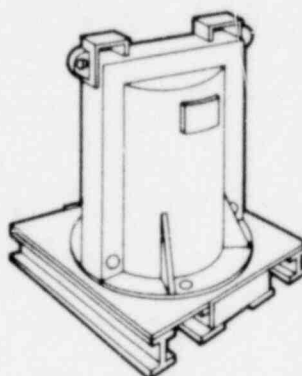
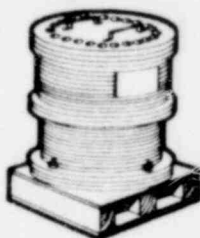
ANO 7908220103

No. of pages: 6

1016 049



# A Review of The Department of Transportation (DOT) Regulations for Transportation of Radioactive Materials



1016 050

7909240302

October 1977

## DUPLICATE DOCUMENT

Entire document previously entered  
into system under:

ANO 7909240302

No. of pages: 50

1016 050