



Transportation of Specific Commodities Nationwide

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YACKN

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07001739 & 32R  
520673

December 30, 1983

70-1739

U. S. Nuclear Regulatory Commission  
Safeguards Division  
Attention: C. K. Nulsen  
Mail Stop 881-SS  
Washington, D. C. 20055

Gentlemen:

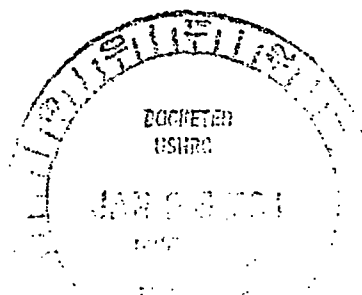
Tri-State Motor Transit Co. is replacing the present immobilization devices now installed on its spent fuel tractors with a modified version. This new device meets the requirements of NUREG-0561, Revision 1, Part 3.4.

This change eliminated the code cards and sequential digital input now required for vehicle start-up. The new system provides the following:

- a. In-cab activation of vehicle immobilization device.
- b. Full vehicle immobilization within 60 seconds after initiating immobilization procedures.
- c. Disruption of critical vehicle operation systems will require at least 30 minutes to override by a skilled mechanic.
- d. No significant safety hazard is associated with this device during normal vehicle operation or in the immobilization mode.

The primary change between the present and modified systems is in the activation. The present system requires a code card and sequential digital input for vehicle start-up at all times. The modified system allows the vehicle to be started in a normal manner except for a 30 minute delay after emergency immobilization. Both systems utilize an emergency shut-down switch with an ensuing 30 minute time delay before start-up can be accomplished.

Tri-State Motor Transit Co.  
Post Office Box 113  
Joplin, Missouri 64801  
417 624 3131



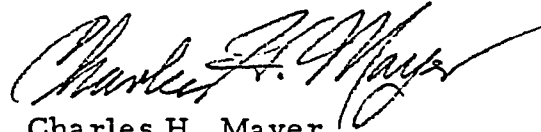
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We respectfully request NRC approval of our modified system at the earliest possible date. Additional information regarding this subject will be furnished upon request.

Very truly yours,

TRI-STATE MOTOR TRANSIT CO.

A handwritten signature in cursive script, appearing to read "Charles H. Mayer".

Charles H. Mayer  
Vice President  
Nuclear & Hazardous Materials Division

CHM:jr

Docket No. 76- 39  
07001734 M32R  
570673

"SAFEGUARDS AMENDMENTS"

MC # \_\_\_\_\_

SG # \_\_\_\_\_

ICL# \_\_\_\_\_

PSL# \_\_\_\_\_

William O. Miller  
License Fee Management Branch  
Office of Administration

MATERIALS SAFEGUARDS AMENDMENT CLASSIFICATION

Applicant Tri-State Motor Transit Company, Joplin, Missouri

License No: GENERAL Fee Category: FEE

Application Dated: 12/30/83 Received: 01/06/84

Applicant's Fee Classification: FEE

The above application for amendment has been reviewed by the NMSS' Division of Safeguards in accordance with Section 170.31 of Part 170 and is classified as follows:

1. Safeguard amendments to licenses in fee Categories 1A through 1H

(a) Major Safeguards

(b) Minor Safeguards

(c) Safeguards (Categories 1D through 1G only)

(d) Administrative

2. Justification for reclassification: \_\_\_\_\_

3. The application was filed (a) pursuant to written NRC request and the amendment is being issued for the convenience of the Commission, or (b) Other (State reason): \_\_\_\_\_

Signature: Charles R. Sullivan

Division of Safeguards, NMSS

Date: 01/11/84

CLASSIFIED