

ADVANCED MEDICAL SYSTEMS OPERATING PROCEDURE

INSTRUCTIONS TO DRIVERS WHEN TRANSPORTING RADIOACTIVE MATERIAL

ISP-22 Rev. 1/95

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1.0 PURPOSE: To provide instructions to drivers of vehicles transporting radioactive material.

2.0 PRECAUTIONS AND LIMITATIONS:

2.1 Briefly, your cargo is a Cobalt-60 teletherapy source containing less than 13,700 Curies of radioactive pellets. The pellets are doubly encapsulated in a stainless steel cylinder. The cylinder is contained in a tungsten outer capsule, which in turn is inside either a lead filled teletherapy machine head or source exchange container. A wood and steel overpack protects the container or head. The complete package is approved by the Nuclear Regulatory Committee.

2.2 The material is not considered to be a "Highway Route Controlled Quantity" as defined in 49CFR173.403(1).

3.0 INSTRUCTIONS:

3.1 General Requirements

3.1.1 The vehicle is required to be placarded in accordance with 49CFR177.823.

3.1.2 The driver must comply with the rules in 49CFR Parts 390-397.

3.1.3 When located on a public street, highway or on the shoulder of a public highway, the vehicle must be attended by the driver.

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- 3.1.4 The vehicle must not be operated near an open fire or parked within three hundred (300) feet of an open fire.
- 3.1.5 The vehicle must not be parked on or within five (5) feet of the traveled portion of a public street or highway except for brief periods when it is impractical to do otherwise.
- 3.1.6 When fueling the vehicle, the engine must be off and a person must be in control of the fueling process.
- 3.1.7 If the vehicle is equipped with dual tires on any axle, the driver must stop the vehicle at least once every two (2) hours or one hundred (100) miles, whichever is less, and examine the tires. Tires must also be examined at the beginning of each trip and each time the vehicle is parked.
- 3.1.8 When loading the vehicle, the radioactive package should be placed as far as practicable from the vehicle cab. If more than one package is being loaded, attempt to use low level packages as shielding for higher level packages.
- 3.1.9 Packages must be blocked and braced to avoid shifting of position during transport.
- 3.1.10 Do not remain unnecessarily in the vehicle.
- 3.1.11 The cargo compartment of the vehicle shall remain locked at all times during transport (including stops) except when inspections may be necessary.

3.2 Emergency Actions

- 3.2.1 In the event of an emergency, such as a traffic accident, stay with the vehicle until it can be moved off the roadway to a safe area. You will need to be available to the local investigating personnel to answer questions concerning the nature of your radioactive cargo.

**INSTRUCTIONS TO DRIVERS OF
EXCLUSIVE USE VEHICLES**

ISP-22A

This vehicle is consigned exclusive (sole) use. The vehicle must remain closed at all times other than during loading or unloading or as exempted in ISP-22. Any loading, unloading or shifting of the load in the vehicle must be done under the cognizance of the consignor or designated agent.

Without first contacting the consignor and receiving approval:

DO NOT change the configuration of the packages on the vehicle.

DO NOT change the tractor being used to haul this vehicle.

DO NOT change the position of the fifth wheel.

DO NOT open any of the packages in this load or off load them anywhere except at the consignee's site.

Any loading or unloading must be performed under the supervision of personnel having radiological training and resources appropriate for safe handling of the consignment.

I have read or have been trained on ISP-22, Instructions to Drivers when Transporting Radioactive Material.

Driver: _____ Date: _____
 Printed Name Signature

3.2.2 Notify Advanced Medical Systems at the earliest practical moment @ (216) 692-3270.

3.2.3 If any of the following occurs as a result of an accident, then the Department of Transportation (DOT) must also be notified at the earliest practical time @ (800) 424-8802:

- a. A person is killed.
- b. A person receives injuries requiring hospitalization.
- c. Estimated damages exceed \$50,000.
- d. Fire, breakage, spillage or suspected radioactive contamination occurs.