

RPR 55A – QA Checklist UN2910 Shipment by Public Highway

Shipment number: _____

Shipment Date: _____

Shipper: _____

1. _____. Ensure the material to be shipped does not meet the definition of any other hazard class and is not a hazardous waste.
2. _____. Ensure the package meets the general design requirements of 49 CFR 173.410.
3. _____. Ensure the radioactive contents meet the limits of 49 CFR 173.425 specifically less or equal to 10^{-3} A2 for normal form solids and gases and 10^{-4} A2 for normal form liquids.
4. _____. Ensure the material is fissile excepted in accordance with 49 CFR 173.453.
5. _____. Package the material according to the manufacturer instructions.
6. _____. Mark the inner or outer package "Radioactive", depending on package setup.
7. _____. Mark the exterior of the package "UN2910".
8. _____. Perform a shipment survey on the package as specified in RS-08, Section 8.10.
 - The combined dose rate on contact with the package must be less than 0.5 mrem/hr.
 - The non-fixed contamination on the exterior of the package must not exceed the limits specified in 49 CFR 173.443(a), 7200 dpm beta-gamma per 300 cm² and 720 dpm per 300 cm² alpha.
9. _____. If the material is a hazardous substance (RQ fraction is greater than or equal to 1) perform the necessary steps.
 - Mark the package "RQ".
 - Prepare a bill of lading for the shipment (49 CFR 172 Subpart C). Specific radioactive material provisions from 49 CFR 172.202 (a) (5) and (6), 49 CFR 172.203 (d), and 49 CFR 172.204 (c) (4) do not apply.

Reviewed by: _____