

Vehicular Emergency Procedures



Emergencies Procedures – Vehicular

Traffic Accidents - If possible, the radiographer shall:

- 1) Survey the package to determine if the sealed source is in the shielded position
- 2) Survey the vehicle if the package is not accessible
- 3) If the source is exposed, control access to the area by establishing the high radiation area, radiation area & restricted boundaries; if the survey instrument is inoperable, use the inverse square law for the unshielded source strength to establish the boundaries



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Traffic Accidents - Radiographer's Role

- 4) Notify RSO & police immediately; radiography crew cannot leave the scene. If necessary, a messenger can be used to make the notifications & inform the RSO of any additional equipment needs, such as survey meters or barrier rope; the police can be enlisted to assist with controlling the perimeter



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- Upon verification that the source is shielded or boundaries have been established & verified, begin to collect pertinent info on the accident: name/address/ phone number of people involved, name/address/ phone number of witnesses, license numbers, insurance info, etc.
- If the vehicle needs towing, radiographic personnel shall assure that the package is secured within the towing vehicle; another vehicle may be used to transport the package. All 10 CFR Part 71 requirements need to be met (if possible); rad. personnel shall accompany the package until it is returned to a secure storage location

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- The RSO should immediately proceed to any accident site & take charge of the scene
- Any equipment involved in an accident shall not be used again until inspected by the RSO & determined to be in operating condition; may be necessary to have mfr. check out equipment



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Questions?