

Sub-Element 6.b— Monitoring and Decontamination of Emergency Worker Equipment

What the Policy Says	<p>Intent NUREG-0654 provides that OROs should have the capability to implement radiological monitoring and decontamination of emergency worker equipment, including vehicles.</p> <p>Criterion 6.b.1: The facility/ORO has adequate procedures and resources for the accomplishment of monitoring and decontamination of emergency worker equipment, including vehicles. (NUREG-0654, K.5.b).</p> <p>Minimum Frequency Criterion 6.b.1 is to be evaluated once in 6 years. The plume phase and the post-plume phase can be demonstrated separately.</p> <p>Extent of Play The monitoring staff should demonstrate the capability to monitor equipment, including vehicles, for contamination in accordance with the Offsite Response Organizations (ORO) plans and procedures. Specific attention should be given to equipment, including vehicles, that was in contact with individuals found to be contaminated. The monitoring staff should demonstrate the capability to make decisions on the need for decontamination of equipment, including vehicles, based on guidance levels and procedures stated in the plan and/or procedures.</p> <p>The area to be used for monitoring and decontamination should be set up as it would be in an actual emergency, with all route markings, instrumentation, record keeping and contamination control measures in place. Monitoring procedures should be demonstrated for a minimum of one vehicle. It is generally not necessary to monitor the entire surface of vehicles. However, the capability to monitor areas such as radiator grills, bumpers, wheel wells, tires, and door handles should be demonstrated. Interior surfaces of vehicles that were in contact with individuals found to be contaminated should also be checked.</p> <p>Decontamination capabilities, and provisions for vehicles and equipment that cannot be decontaminated, may be simulated and conducted by interview.</p> <p>All activities associated with this criterion must be based on the ORO's plans and procedures and completed as they would be in an actual emergency, unless noted above or otherwise indicated in the extent of play agreement.</p>
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<p>Preparing to Evaluate This Criterion</p>	<p>Before the exercise, determine, according to the ORO's plan/procedures and the Extent of Play agreement:</p> <ul style="list-style-type: none"> • Where will emergency workers' equipment be monitored and decontaminated? • What instruments (manufacturer/model number/earphones/speaker) are used to monitor potentially contaminated vehicles/equipment? • How are monitoring instruments operationally checked? • What is the action level to determine if vehicle/equipment requires decontamination? • What process is used to decontaminate vehicles and equipment? • Will decontamination procedures be conducted through interview or actually demonstrated?
<p>During the Exercise</p>	<p>During the exercise, in addition to evaluating activities related to the items listed above, be sure to:</p> <ul style="list-style-type: none"> • Note whether there was adequate space for emergency worker equipment and their vehicles at the facility. • Document the number of personnel available to perform monitoring of emergency worker vehicles (compare to the number indicated in the extent of play agreement). • Describe the set-up at the facility, which should be as it would be in an actual emergency, including route markings, instrumentation, record keeping and contamination control measures. • Document the type and quantity of monitoring equipment used. • Note how monitoring equipment is checked to ensure it is operational. • Observe monitoring of at least one vehicle, including air intake systems, radiator grills, bumpers, wheel wells, tires, and door handles. • Document the number of personnel available to perform monitoring of emergency worker equipment (compare to the number indicated in the extent of play agreement).