

Example: Extent of Play

Criterion 4.a.3: Ambient radiation measurements are made and recorded at appropriate locations, and radioiodine and particulate samples are collected. Teams will move to an appropriate low background location to determine whether any significant (as specified in the plan and/or procedures) amount of radioactivity has been collected on the sampling media. (NUREG-0654, I.9)

EXTENT OF PLAY

Field teams should demonstrate the capability to report measurements and field data pertaining to the measurement of airborne radioiodine and particulates to the field team coordinator, dose assessment, or other appropriate authority. If samples have radioactivity significantly above background, the appropriate authority should consider the need for expedited laboratory analyses of these samples. OROs should share data in a timely manner with all appropriate OROs. The methodology, including contamination control, instrumentation, preparation of samples, and a chain-of-custody form for transfer to a laboratory, will be in accordance with the ORO's plan and/or procedures. All activities must be based on the ORO's plans and procedures and completed as they would be in an actual emergency, unless otherwise indicated in the Extent of Play agreement.

REGIONAL EXTENT OF PLAY (EXERCISE-SPECIFIC)

Measurements will be made by Department of Environmental Protection (DEP), Bureau of Radiation Protection (BRP), in accordance with the State Annex E, Appendix 6, and BRP Standard Implementing Procedures (SIPs). Two mobile monitoring teams from BRP (South Eastern Regional Office) will demonstrate ambient radiation monitoring, radioiodine and particulate sampling. Field teams will be equipped with appropriate dosimetry and KI. Both teams will be evaluated by FEMA.

Each team will be directed to six predetermined monitoring points and perform actual radiation measurements at the first three locations and simulated measurements at the remaining three locations. An actual air sample will be taken at the first predetermined location. Teams will then take two additional simulated air samples, as directed, at additional locations, if conditions are appropriate for radioiodine sampling, and relay information to the State EOC. In place of silver zeolite cartridges, charcoal cartridges will be used for the exercise. All measurements will be forwarded to the State EOC immediately upon obtaining data. Evaluators will meet the Field Teams at the SSES West Building at 4:00 p.m. the day of the exercise.