

PROPOSED – RADIATION MONITORING TEAM

Resource:	Public Health and Medical: Radiation Monitoring Team			
Category:	Health and Medical		Kind:	Team: This team conducts population monitoring in response to a radiation emergency
Minimum Capabilities		Type I	Type II	Type III
Component	Metric			
Team Type	Capability	<p>Team that can perform the following activities under the Authority Having Jurisdiction:</p> <ul style="list-style-type: none"> -monitor arrivals for external contamination -assist with decontamination services -assess exposure -assess internal contamination 	<p>Team that can perform the following activities under the Authority Having Jurisdiction:</p> <ul style="list-style-type: none"> -monitor arrivals for external contamination -assist with decontamination services 	
Personnel	Team Composition per 12-hour Coverage	<ul style="list-style-type: none"> - 1 Radiation Monitoring Team Leader - 3 Radiation Protection Specialists - At least 8 Radiation Monitoring Staff - 1 Radiation Health Specialist 	<ul style="list-style-type: none"> - 1 Radiation Monitoring Team Leader - 2 Radiation Protection Specialists - At least 6 Radiation Monitoring Staff 	
Equipment/Supplies	Will Vary by Team Type	<ul style="list-style-type: none"> - Radiation monitoring equipment to survey for external contamination - Personal Protective Equipment (PPE) as appropriate - Necessary forms and handouts - Radiation monitoring equipment to screen for internal contamination - Communication tools to communicate in secured and unsecured environments - Relevant software, hardware, and other interoperable capabilities (laptop computers, printers, etc.) 	<ul style="list-style-type: none"> - Radiation monitoring equipment to survey for external contamination - Personal Protective Equipment (PPE) as appropriate - Necessary forms and handouts - Communication tools to communicate in secured and unsecured environments - Relevant software, hardware, and other interoperable capabilities (laptop computers, printers, etc.) 	
Comments:				

Radiation Monitoring Team Leader	
Description	The primary purpose of the Radiation Monitoring Team Leader is to provide expert guidance on conducting population monitoring, including, but not limited to: radiation safety, contamination monitoring, decontamination, dose reconstruction, and radiation medical countermeasures. The Radiation Monitoring Team Leader oversees and assists Radiation Health Specialists and Radiation Protection Specialists operating in a community reception center (CRC). The Radiation Monitoring Team Leader interfaces with reception center managers, safety officers, clinical staff, public information officers, epidemiology team leader, medical team leader, and laboratory personnel as appropriate.

Table 45-1: Required Criteria

Education	Education in a specialized area relevant to radiation protection such as radiation safety, health physics, nuclear engineering, or other natural or physical sciences, plus one of the following: 1. Master's degree with at least 2 years experience 2. Bachelor's degree with at least 5 years experience
Training	Completion of the following courses/curricula: 1. ICS-300: Intermediate ICS 2. ICS-400: Advanced ICS 3. FEMA IS-700: NIMS, an Introduction 4. FEMA IS-701: NIMS Multiagency Coordination Systems 5. Community Reception Center (CRC) training. 6. OSHA 1910.120 HazMat Awareness Training or military equivalent basic instruction on responding and operating in a CBRNE Mass Casualty Incident
Experience	1. Ongoing, active participation with an established emergency response organization or an affiliated volunteer response organization (e.g. Medical Reserve Corps) 2. Participation as a Radiation Protection Team Leader in an incident response, exercise, or training.
Certification	Certified Health Physicist (CHP), NRRPT
Licensing	
Comments	

Table 45-2: Recommended Criteria

Certification	
Training	1. Basic Health Risk Communication
Other	

Radiation Health Specialist	
Description	The primary purpose of a Radiation Health Specialist is to provide expert guidance to clinicians regarding internal contamination, decorporation therapy, and dose reconstruction.

Table 46-1: Required Criteria

Education	Education in a specialized area relevant to radiation health such as medical physics, nuclear medicine, radiation biology, health physics, medicine, or other natural or physical sciences, plus one of the following: <ol style="list-style-type: none"> 1. Doctorate with at least 1 year of post-graduate training 2. Master's degree with at least 2 years experience
Training	Completion of the following courses/curricula: <ol style="list-style-type: none"> 1. ICS-100: Introduction to ICS 2. ICS-200: Basic ICS 3. FEMA IS-700: NIMS, an Introduction 4. Community Reception Center (CRC) training. 5. OSHA 1910.120 HazMat Awareness Training or military equivalent basic instruction on responding and operating in a CBRNE Mass Casualty Incident
Experience	<ol style="list-style-type: none"> 1. Ongoing, active participation with an established emergency response organization or an affiliated volunteer response organization (e.g. Medical Reserve Corps) 2. Participation as a Radiation Health Specialist in an incident response, exercise, or training.
Certification	American Board of Radiology (ABR), American Board of Medical Physics (ABMP), American College of Medicinal Physics (ACMP), American Board of Health Physics (ABHP), or similar as relevant to education requirements specified above.
Licensing	Active status of legal authority to practice in any of the above stated capacities without restrictions granted by a state, commonwealth, the District of Columbia, or U.S. Territory.
Comments	

Table 46-2: Recommended Criteria

Certification	
Training	<ol style="list-style-type: none"> 1. ICS-300: Intermediate ICS 2. ICS-400: Advanced ICS 3. Basic Health Risk Communication 4. Radiation Emergency Medicine, Health Physics in Radiation Emergencies, and/or Advanced Radiation Medicine training courses from the Radiation Emergency Assistance Center/Training Site (REAC/TS)
Other	

Radiation Protection Specialist	
Description	The primary purpose of a Radiation Protection Specialist is to provide expert guidance regarding radiation safety, personal dosimetry, radiation monitoring, contamination control, and decontamination. Radiation Protection Specialists oversee Radiation Monitoring Staff in the community reception center (CRC).

Table 47-1: Required Criteria

Education	Education in a specialized area relevant to radiation protection such as radiation safety, health physics, nuclear engineering, or other natural or physical sciences, plus one of the following: 1. Master's degree with at least 2 years experience 2. Bachelor's degree with at least 5 years experience
Training	Completion of the following courses/curricula: 1. ICS-100: Introduction to ICS 2. ICS-200: Basic ICS 3. FEMA IS-700: NIMS, an Introduction 4. Community Reception Center (CRC) training. 5. OSHA 1910.120 HazMat Awareness Training or military equivalent basic instruction on responding and operating in a CBRNE Mass Casualty Incident
Experience	1. Ongoing, active participation with an established emergency response organization or an affiliated volunteer response organization (e.g. Medical Reserve Corps) 2. Participation as a Radiation Protection Specialist in an incident response, exercise, or training.
Certification	
Licensing	
Comments	

Table 47-2: Recommended Criteria

Certification	National Registry of Radiation Protection Technologists (NRRPT)
Training	1. ICS-300: Intermediate ICS 2. ICS-400: Advanced ICS 3. Basic Health Risk Communication 4. Radiation Emergency Medicine, Health Physics in Radiation Emergencies, and/or Advanced Radiation Medicine training courses from the Radiation Emergency Assistance Center/Training Site (REAC/TS)
Other	

Radiation Monitoring Staff	
Description	The primary purpose of the Radiation Monitoring Staff is to assess individuals reporting to the community reception center (CRC) for external contamination and conduct decontamination as appropriate. Radiation Monitoring Staff work under the supervision of Radiation Protection Specialist(s).

Table 48-1: Required Criteria

Education	High school diploma or equivalent.
Training	<ol style="list-style-type: none"> 1. ICS-100: Introduction to ICS 2. ICS-200: Basic ICS 3. FEMA IS-700: NIMS, an Introduction 4. Community Reception Center (CRC) training. 5. OSHA 1910.120 HazMat Awareness Training or military equivalent basic instruction on responding and operating in a CBRNE Mass Casualty Incident 6. Just-in-time refresher training at the beginning of the operational period.
Experience	<ol style="list-style-type: none"> 1. Ongoing, active participation with an established emergency response organization or an affiliated volunteer response organization (e.g. Medical Reserve Corps) 2. Participation as a Radiation Monitoring Staff member in an incident response, exercise, or training.
Certification	None Required
Licensing	None Required
Comments	

Table 48-2: Recommended Criteria

Certification	
Training	<ol style="list-style-type: none"> 1. ICS-300: Intermediate ICS 2. ICS-400: Advanced ICS
Other	