

## PREVENTIVE RADIOLOGICAL NUCLEAR DETECTION TEAM

<b>DESCRIPTION</b>	A team comprised of public safety personnel from various backgrounds that detects radiological and nuclear materials.
<b>RESOURCE CATEGORY</b>	Prevention
<b>RESOURCE KIND</b>	Team
<b>OVERALL FUNCTION</b>	<p>The team:</p> <ol style="list-style-type: none"> <li>1. Uses Preventive Radiological Nuclear Detection (PRND) tools and training to detect nuclear and radiological material out of regulatory control</li> <li>2. Supports Primary Screening, Secondary Inspection, Wide Area Search, Advanced Wide Area Search, and Advanced Secondary Inspection</li> <li>3. Is not capable of handling interdiction and other law enforcement missions unless sworn law enforcement personnel are assigned</li> </ol>
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment</li> <li>2. Teams are scalable by type, based on the needs of the event</li> <li>3. Requestor should specify if law enforcement capabilities are necessary</li> <li>4. Requestor may order additional PRND Team Operators, but should ensure a span of control consistent with the Incident Command System (ICS)</li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
<b>MINIMUM PERSONNEL PER TEAM</b>	8	6	Same as Type 4	3	Not Specified
<b>MANAGEMENT AND OVERSIGHT PERSONNEL PER TEAM</b>	Same as Type 2	Same as Type 3	Same as Type 4	1 - National Incident Management System (NIMS) Type 2 PRND Team Leader	Requestor should specify NIMS Type 1 PRND Team Leader if law enforcement capability is necessary.
<b>SUPPORT PERSONNEL PER TEAM</b>	Same as Type 2, PLUS: 2 - NIMS Type 2 PRND Team Operator	Same as Type 3, PLUS: 3 - NIMS Type 2 PRND Team Operator	Same as Type 4	2 - NIMS Type 2 PRND Team Operator	Requestor should specify NIMS Type 1 PRND Team Operator if law enforcement capability is necessary.

## Resource Typing Definition for Screening, Search, and Detection Prevention

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
<b>RADIATION DETECTION AND IDENTIFICATION CAPABILITIES PER TEAM</b>	Same as Type 2, PLUS: Advanced Wide Area Search Advanced Secondary Inspection	Same as Type 3, PLUS: Wide Area Search	Same as Type 4, PLUS: Secondary Inspection	Primary Screening	<ol style="list-style-type: none"> <li>1. Primary Screening may consist of chokepoint and checkpoint operations, land border points of entry, defined rooms, cargo containers, and vehicles.</li> <li>2. Secondary Inspection operations occur when an alarm sounds during primary screening.</li> <li>3. Wide Area Search may include sweeps of large areas, such as stadiums, and defined areas within an urban, suburban or rural area.</li> <li>4. Advanced Wide Area Search includes sweeps of larger geographic areas, such as roadways.</li> <li>5. Advanced Secondary Inspection operations provide increased confidence of isotope identification.</li> </ol>
<b>RADIATION DETECTOR EQUIPMENT PER TEAM</b>	Same as Type 2, PLUS: 2 - NIMS Type 1 or Type 2 PRD 1 - NIMS Type 1 or Type 2 Vehicle Mounted Detection System	Same as Type 3, PLUS: 3 - NIMS Type 1 or Type 2 PRD 2 - NIMS Type 1 or Type 2 Human Portable Radiation Detector	Same as Type 4	3 - NIMS Type 1 or Type 2 Personal Radiation Detector (PRD)	Team operating with only PRDs should have established access to a Radio-Isotope Identification Device (RIID) to conduct secondary screening.
<b>HIGH RANGE RADIATION DETECTOR EQUIPMENT PER TEAM</b>	1 - Radiation Survey Meter	Not Specified	Not Specified	Not Specified	The Radiation Survey Meter is not a NIMS typed resource.
<b>ISOTOPE IDENTIFICATION EQUIPMENT PER TEAM</b>	Same as Type 2, PLUS: 1 - NIMS Type 1 RIID	Same as Type 3	1 - NIMS Type 2 RIID	Not Specified	Not Specified
<b>ELECTRONICS AND COMMUNICATIONS EQUIPMENT PER TEAM</b>	Same as Type 2	Same as Type 3	Same as Type 4, PLUS: Laptop with aircard or satellite phone	2-way hand-held radio	Not Specified

## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

---

## REFERENCES

1. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Leader
2. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Operator
3. FEMA, NIMS 508-6: Personal Radiation Detector
4. FEMA, NIMS 508-6: Radio-Isotope Identification Device
5. FEMA, NIMS 508-9: Human Portable Radiation Detector Backpack
6. FEMA, NIMS 508-6: Vehicle Mounted Radiological Nuclear Detection System
7. FEMA, National Incident Management System (NIMS), October 2017