



## NCRP Commentary No. 28: Implementation Guidance for Emergency Response Dosimetry

### National Council on Radiation Protection and Measurements

NCRP Commentary No. 28, *Implementation Guidance for Emergency Response Dosimetry*, provides practical, actionable guidance and tools for emergency planners and responders on tracking radiation dose early in a response to a radiological or nuclear incident, when not every responder has a dosimeter but they all need protection.

*Implementation Guidance for Emergency Response Dosimetry* is a companion document to NCRP Report No. 179, *Guidance for Emergency Response Dosimetry* (2017), which bridges the operational dosimetry gaps between trained and equipped radiation workers and all other categories of emergency workers.

**The intent of this Commentary is to help emergency managers, planners and responders develop a plan to implement the dose tracking recommendations in NCRP Report No. 179 during a radiological or nuclear incident using existing response frameworks.**

NCRP Commentary No. 28 includes the following dosimetry operational guidance and tools:

- establishing radiation control zones;
- choosing the correct dosimeter;
- defining the minimal and ideal information needs for dose reconstruction;
- integrating dose tracking into the Incident Command System (ICS), including suggested ICS forms;
- answering responder questions, including pre-scripted messages; and
- protecting urban search and rescue service dogs.

Purchase a copy of NCRP Commentary No. 28:  
*Implementation Guidance for Emergency Response Dosimetry*  
<https://ncrponline.org/shop/commentaries/commentary-no-28-implementation-guidance-for-emergency-response-dosimetry/>