

preliminary reconnaissance, the Team shall perform all duties pursuant to section 2(b)(2) of the Act, and may perform all activities that Teams are authorized to perform under the Act and these procedures, including gathering and preserving evidence. At the completion of the preliminary reconnaissance, the Team will report its findings to the Director in a timely manner. The Director may either determine that the Team should conduct further investigation, or may direct the Team to prepare its public report immediately.

(c) If the preliminary reconnaissance is conducted without the establishment of a Team, the leader of the initial assessment will report his/her findings to the Director in a timely manner. The Director will decide whether to establish a Team and conduct an investigation using the criteria established in § 270.102 of this subpart.

§ 270.102 Conditions for establishment and deployment of a Team.

(a) The Director may establish a Team for deployment after an event that caused the failure of a building or buildings that resulted in substantial loss of life or posed significant potential for substantial loss of life. The Director will determine the following prior to deploying a Team:

(1) The event was any of the following:

(i) A major failure of one or more buildings or types of buildings due to an extreme natural event (earthquake, hurricane, tornado, flood, *etc.*);

(ii) A fire that resulted in major damage or destruction of the building of origin, and/or that spread beyond the building of origin;

(iii) A major building failure at significantly less than its design basis, during construction, or while in active use; or

(iv) An act of terrorism or other event resulting in a Presidential declaration of disaster and activation of the Federal Response Plan; and

(2) A fact-finding investigation of the building performance and emergency response and evacuation procedures will likely result in significant and new knowledge or building code revision recommendations needed to reduce public risk and economic losses from future building failures.

(b) In making the determinations pursuant to paragraph (a) of this section, the Director will consider the following:

(1) Whether sufficient financial and personnel resources are available to conduct an investigation; and

(2) Whether an investigation of the building failure warrants the advanced

capabilities and experiences of a Team; and

(3) If the technical cause of the failure is readily apparent, whether an investigation is likely to result in relevant knowledge other than reaffirmation of the technical cause; and

(4) Whether deployment of a Team will substantially duplicate local or state resources equal in investigatory and analytical capability and quality to a Team; and

(5) Recommendations resulting from a preliminary reconnaissance of the site of the building failure.

(c) To the maximum extent practicable, the Director will establish and deploy a Team within 48 hours after such an event.

§ 270.103 Publication in the Federal Register.

The Director will promptly publish in the **Federal Register** notice of the establishment of each Team.

§ 270.104 Size and composition of a team.

(a) *Size of a Team.* The size of a Team will depend upon the likely scope and complexity of the investigation. A Team may consist of five or less members if the investigation is narrowly focused, or a Team may consist of twenty or more members divided into groups if the breadth of the investigation spans a number of technical issues. In addition, Teams may be supported by others at NIST, in other federal agencies, and in the private sector, who may conduct supporting experiments, analysis, interviews witnesses, and/or examine the response of first responders, occupants, *etc.*

(b) *Composition of a Team.* (1) A Team will be composed of individuals selected by the Director and led by a Lead Investigator designated by the Director.

(2) The Lead Investigator will be a NIST employee, selected based on his/her technical qualifications, ability to mobilize and lead a multi-disciplinary investigative team, and ability to deal with sensitive issues and the media.

(3) Team members will include at least one employee of NIST and will include experts who are not employees of NIST, who may include private sector experts, university experts, representatives of professional organizations with appropriate expertise, and appropriate Federal, State, or local officials.

(4) Team members who are not Federal employees will be Federal Government contractors.

(5) Teams may include members who are experts in one or more of the following disciplines: civil, mechanical,

fire, forensic, safety, architectural, and materials engineering, and specialists in emergency response, human behavior, and evacuation.

(c) *Duration of a Team.* A Team's term will end 3 months after the Team's final public report is published, but the term may be extended or terminated earlier by the Director.

§ 270.105 Duties of a team.

(a) A Team's Lead Investigator will organize, conduct, and control all technical aspects of the investigation, up to and including the completion of the final investigation public report and any subsequent actions that may be required. The Lead Investigator has the responsibility and authority to supervise and coordinate all resources and activities of NIST personnel involved in the investigation. The Lead Investigator may be the Contracting Officer's Technical Representative (COTR) on any contract for service on the Team or in support of the Team; while the COTR remains the technical representative of the Contracting Officer for purposes of contract administration, the Lead Investigator will oversee all NIST personnel acting as COTRs for contracts for service on the Team or in support of the Team. The Lead Investigator's duties will terminate upon termination of the Team. The Lead Investigator will keep the Director and the NCST Advisory Committee informed about the status of investigations.

(b) A Team will:

(1) Establish the likely technical cause or causes of the building failure;

(2) Evaluate the technical aspects of evacuation and emergency response procedures;

(3) Recommend, as necessary, specific improvements to building standards, codes, and practices based on the findings made pursuant to paragraphs (b)(1) and (b)(2) of this section;

(4) Recommend any research and other appropriate actions needed to improve the structural safety of buildings, and improve evacuation and emergency response procedures, based on the findings of the investigation; and

(5) Not later than 90 days after completing an investigation, issue a public report in accordance with § 270.205 of this subpart.

(c) In performing these duties, a Team will:

(1) Not interfere unnecessarily with services provided by the owner or operator of the buildings, building components, materials, artifacts, property, records, or facility;

(2) Preserve evidence related to the building failure consistent with the ongoing needs of the investigation;