

# ELECTRONIC CODE OF FEDERAL REGULATIONS

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Title 44: Emergency Management and Assistance

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## **PART 351—RADIOLOGICAL EMERGENCY PLANNING AND PREPAREDNESS**

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AUTHORITY: 5 U.S.C. 552, Reorganization Plan No. 3 of 1978, E.O. 12127, E.O. 12148, E.O. 12241; Presidential Directive of Dec. 7, 1979.

SOURCE: 47 FR 10759, Mar. 11, 1982, unless otherwise noted.

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#### **Subpart A—General**

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### §351.1 Purpose.

This part sets out Federal agency roles and assigns tasks regarding Federal assistance to State and local governments in their radiological emergency planning and preparedness activities. Assignments in this part are applicable to radiological accidents at fixed nuclear facilities and transportation accidents involving radioactive materials.

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### §351.2 Scope.

The emergency planning and preparedness responsibilities covered by this part relate to consequences and activities which extend beyond the boundaries of any fixed nuclear facility with a potential for serious consequences and the area affected by a transportation accident involving radioactive materials.

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### §351.3 Limitation of scope.

(a) This part covers Federal agency assignments and responsibilities in connection with State and local emergency plans and preparedness measures. It does not set forth criteria used in the review and approval of these plans and does not include any of the requirements associated with FEMA findings and determinations on the adequacy of State and local government radiological emergency preparedness. FEMA has published a separate rule on procedures and criteria for reviewing and approving these plans and preparedness capabilities. Furthermore, this part does not set forth Federal agency responsibilities or capabilities for *responding to an accident* at a fixed nuclear facility or a transportation accident involving radioactive materials. These responsibilities are addressed in the “Federal Radiological Emergency Response Plan” (50 FR 46542, November 8, 1985).

(b) Nothing in this part authorizes access to or disclosure of classified information required to be protected in accordance with Federal law or regulation in the interest of national security.

[47 FR 10759, Mar. 11, 1982, as amended at 51 FR 34606, Sept. 30, 1986]

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## Subpart B—Federal Radiological Preparedness Coordinating Committee and Regional Assistance Committees

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### §351.10 Establishment of committees.

(a) The Federal Radiological Preparedness Coordinating Committee (FRPCC) consists of the Federal Emergency Management Agency, which chairs the Committee, Nuclear Regulatory Commission, Environmental Protection Agency, Department of Health and

Regulatory Commission, Environmental Protection Agency, Department of Health and Human Services, Department of Energy, Department of Transportation, Department of Defense, United States Department of Agriculture, Department of Commerce and, where appropriate and on an ad hoc basis, other Federal departments and agencies. In chairing the committee, FEMA will be responsible for assuring that all agency assignments described in this rule are coordinated through the Committee and carried out with or on behalf of State and local governments.

(b) The Regional Assistance Committees (RACs), one in each of 10 standard Federal regions,<sup>1</sup> consist of a FEMA Regional Representative who chairs the Committee and representatives from the Nuclear Regulatory Commission, Environmental Protection Agency, Department of Health and Human Services, Department of Energy, Department of Transportation, United States Department of Agriculture, Department of Commerce and other Federal departments and agencies such as the Department of Defense, as appropriate. The FEMA Chairperson of the RACs will provide guidance and orientation to other agency members to assist them in carrying out their functions.

<sup>1</sup>I (Boston); II (New York); III (Philadelphia); IV (Atlanta); V (Chicago); VI (Dallas); VII (Kansas City); VIII (Denver); IX (San Francisco) and X (Seattle).

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### **§351.11 Functions of committees.**

(a) The FRPCC shall assist FEMA in providing policy direction for the program of Federal assistance to State and local governments in their radiological emergency planning and preparedness activities. The FRPCC will establish subcommittees to aid in carrying out its functions; e.g., research, training, emergency instrumentation, transportation, information, education and Federal response. The FRPCC will assist FEMA in resolving issues relating to granting of final FEMA approval of a State plan. The FRPCC will coordinate research and study efforts of its member agencies related to State and local government radiological emergency preparedness to assure minimum duplication and maximum benefits to State and local governments. The FRPCC will also assure that the research efforts of its member agencies are coordinated with the Interagency Radiation Research Committee.

(b) The RACs will assist State and local government officials in the development of their radiological emergency plans and will review these plans and observe exercises to evaluate adequacy of the plans. Each Federal agency member of the RACs will support the functions of these committees by becoming knowledgeable of Federal planning and guidance related to State and local radiological emergency plans, of their counterpart State organizations and personnel, where their agency can assist in improving the preparedness and by participating in RAC meetings.

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## **Subpart C—Interagency Assignments**

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## **§351.20 The Federal Emergency Management Agency.**

(a) Establish policy and provide leadership via the FRPCC in the coordination of all Federal assistance and guidance to State and local governments for developing, reviewing, assessing and testing the State and local radiological emergency plans.

(b) Issue guidance in cooperation with other Federal agencies concerning their responsibilities for providing radiological emergency planning and preparedness assistance to State and local governments.

(c) Foster cooperation of industry, technical societies, Federal agencies and other constituencies in the radiological emergency planning and preparedness of State and local governments.

(d) Develop and promulgate preparedness criteria and guidance to State and local governments, in coordination with other Federal agencies, for the preparation, review and testing of State and local radiological emergency plans.

(e) Provide assistance to State and local governments in the preparation, review and testing of radiological emergency plans.

(f) Assess, with the assistance of other Federal agencies, the adequacy of State and local government emergency plans and the capability of the State and local government officials to implement them (e.g., adequacy and maintenance of equipment, procedures, training, resources, staffing levels and qualifications) and report the findings and determinations to NRC.

(g) Review and approve State radiological emergency plans and preparedness in accordance with FEMA procedures in 44 CFR part 350.

(h) Develop, implement and maintain a program of public education and information to support State and local radiological emergency plans and preparedness.

(i) Develop and manage a radiological emergency response training program to meet State and local needs, using technical expertise and resources of other involved agencies. Develop and field test exercise materials and coordinate the Federal assistance required by States and localities in conducting exercises, including guidance for Federal observers.

(j) Develop, with NRC and other Federal Agencies, representative scenarios from which NRC licensed facility operators and State and local governments may select for use in testing and exercising radiological emergency plans.

(k) Issue guidance for establishment of State and local emergency instrumentation systems for radiation detection and measurement.

(l) Provide guidance and assistance, in coordination with NRC and HHS, to State and local governments concerning the storage and distribution of radioprotective substances and

prophylactic use of drugs (e.g., potassium iodide) to reduce the radiation dose to specific organs as a result of radiological emergencies.

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### **§351.21 The Nuclear Regulatory Commission.**

(a) Assess NRC nuclear facility (e.g., commercial power plants, fuel processing centers and research reactors) licensee emergency plans for adequacy to protect the health and safety of the public.

(b) Verify that nuclear facility licensee emergency plans can be adequately implemented (e.g., adequacy and maintenance of equipment, procedures, training, resources, staffing levels and qualifications).

(c) Review FEMA's findings and determinations of State and local radiological emergency plans for areas surrounding NRC licensed nuclear facilities.

(d) Take into account the overall state of emergency preparedness in making decisions to issue operating licenses or shut down licensed operating reactors, including the integration of assessments of emergency preparedness onsite by the NRC and offsite by FEMA.

(e) Where not already established, determine, in cooperation with other Federal agencies, the appropriate planning bases for NRC licensed nuclear facilities including distances, times and radiological characteristics.

(f) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(g) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and evaluating the plans and preparedness.

(h) Assist FEMA and DOT in the preparation and promulgation of guidance to State and local governments for their use in developing the transportation portions of radiological emergency plans.

(i) Provide representation to and support for the FRPCC and the RACs.

(j) Assist FEMA in the development, implementation and maintenance of public information and education programs.

(k) Assist FEMA with other Federal agencies in the development of representative scenarios from which nuclear facility operators and State and local governments may select for use in testing and exercising radiological emergency plans.

(l) Assist FEMA in the development of guidance for State and local governments on emergency instrumentation systems for radiation detection and measurement.

(m) Assist FEMA with the development, implementation and presentation to the extent that resources permit of training programs for Federal, State and local radiological emergency preparedness personnel.

(n) Assist FEMA in providing guidance and assistance to State and local governments concerning the storage and distribution of radioprotective substances and prophylactic use of drugs (e.g., potassium iodide) to reduce the radiation dose to specific organs as a result of radiological emergencies.

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## **§351.22 The Environmental Protection Agency.**

(a) Establish Protective Action Guides (PAGs) for all aspects of radiological emergency planning in coordination with appropriate Federal agencies.

(b) Prepare guidance for State and local governments on implementing PAGs, including recommendations on protective actions which can be taken to mitigate the potential radiation dose to the population. This guidance will be presented in the Environmental Protection Agency (EPA) "Manual of Protective Action Guides and Protective Actions for Nuclear Incidents." (The preparation of PAGs related to human food and animal feed will be done in coordination with the Department of Health and Human Services (HHS)/Food and Drug Administration.)

(c) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(d) Assist FEMA with the development, implementation and presentation to the extent that resources permit of technical training for State and local officials regarding PAGs and protective actions, radiation dose assessment and decisionmaking.

(e) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and evaluating the plans and preparedness.

(f) Assist FEMA in the development of guidance for State and local governments on emergency instrumentation systems for radiation detection and measurement.

(g) Provide representation to and support for the FRPCC and the RACs.

(h) Assist FEMA in developing representative scenarios from which nuclear facility operators and State and local governments may select for use in testing and exercising radiological emergency plans.

(i) Assist FEMA in the development, implementation and maintenance of public information and education programs.

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### **§351.23 The Department of Health and Human Services.**

(a) Develop and specify protective actions and associated guidance to State and local governments for human food and animal feed (in cooperation with the Environmental Protection Agency).

(b) Provide guidance and assistance to State and local governments in preparing programs related to mental health, behavioral disturbances and epidemiology associated with radiological emergencies.

(c) Assist FEMA in the development, implementation and maintenance of public information and education programs to support State and local government radiological emergency plans and preparedness.

(d) Assist FEMA with the development, implementation and presentation to the extent that resources permit of a radiological emergency training program to support State and local government personnel in accident assessment, protective actions and decisionmaking.

(e) Develop and assist in providing the requisite training programs for State and local health, mental health and social service agencies.

(f) Provide guidance to State and local governments on the use of radio-protective substances and prophylactic use of drugs (e.g., potassium iodide) to reduce the radiation dose to specific organs including dosage and projected radiation exposures at which such drugs should be used.

(g) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(h) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and evaluating the plans and preparedness.

(i) Provide representation to and support for the FRPCC and the RACs.

(j) Assist FEMA in developing representative scenarios from which nuclear facility operators and State and local governments may select for use in testing and exercising radiological emergency plans.

(k) Assist FEMA in the development of guidance for State and local governments on emergency instrumentation systems for radiation detection and measurement.

(l) Assist, in cooperation with the United States Department of Agriculture (USDA), the State and local governments in the planning for the safe production, during radiological emergencies, of human food and animal feed in the emergency planning zones around fixed nuclear facilities.

(m) Assist FEMA, through the Interagency Radiation Research Committee, chaired by the Department of Health and Human Services, in the coordination of Federal research efforts, primarily in areas related to the bioeffects of radiation, applicable to State and local plans and preparedness.

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### **§351.24 The Department of Energy.**

(a) Determine the appropriate planning bases for the Department of Energy (DOE) owned and contractor operated nuclear facilities (e.g., research and weapon production facilities) including distances, time and radiological characteristics.

(b) Assess DOE nuclear facility emergency plans for adequacy in contributing to the health and safety of the public.

(c) Verify that DOE nuclear facility emergency plans can be adequately implemented (e.g., adequacy and maintenance of equipment, procedures, training, resources, staffing levels and qualifications).

(d) Assist State and local governments, within the constraints of national security and in coordination with FEMA, in the preparation of those portions of their radiological emergency plans related to DOE owned and contractor operated nuclear facilities and radioactive materials in transit.

(e) Review and assess FEMA's findings and determinations on the adequacy of and capability to implement State and local radiological emergency plans for areas surrounding DOE nuclear facilities. Make independent assessments of the overall State of plans and preparedness.

(f) Serve as the lead agency for coordinating the development and issuance of interagency instructions and guidance to implement the Federal Radiological Monitoring and Assessment Plan (FRMAP), which will replace the Interagency Radiological Assistance Plan. The FRMAP provides the framework through which participating Federal agencies will coordinate their emergency radiological monitoring and assessment activities with those of State and local governments.

(g) Develop, maintain and improve capability to detect and assess hazardous levels of radiation.

(h) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(i) Assist FEMA with the development, implementation and presentation to the extent that resources permit of training programs for Federal, State and local radiological emergency response personnel.



(j) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and evaluating the plans and preparedness.

(k) Develop, with FEMA, representative scenarios from which DOE facility operators and State and local governments may select for use in testing and exercising radiological emergency plans.

(l) Provide representation to and support for the FRPCC and the RACs.

(m) Assist FEMA in the development of guidance for State and local governments on emergency instrumentation systems for radiation detection and measurement.

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### **§351.25 The Department of Transportation.**

(a) Assist FEMA, along with NRC, in the preparation and promulgation of guidance to State and local governments for their use in developing the transportation portions of radiological emergency plans.

(b) Assist FEMA in its review and approval of State and local radiological emergency plans and in the evaluation of exercises to test such plans.

(c) Provide guidance and materials for use in training emergency services and other response personnel for transportation accidents involving radioactive materials and participate in interagency planning for such training.

(d) Provide representation to and support for the FRPCC and the RACs.

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### **§351.26 The United States Department of Agriculture.**

(a) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(b) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and reviewing and evaluating the plans and preparedness.

(c) Assist State and local governments in preparing to implement protective actions in food ingestion pathway emergency planning zones around fixed nuclear facilities.

(d) Develop, in coordination with FEMA, the HHS and other Federal agencies, guidance for assisting State and local governments in the production, processing and distribution of food resources under radiological emergency conditions.

(e) Assist FEMA with the development, implementation and presentation to the extent that resources permit of training programs of Federal, State and local radiological emergency personnel.

(f) Provide representation to and support for the FRPCC and the RACs.

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### **§351.27 The Department of Defense.**

(a) Determine appropriate planning bases for Department of Defense (DOD) nuclear facilities and installations (e.g., missile bases, nuclear submarine facilities and weapon storage sites) including distances, time and radiological characteristics.

(b) Develop, with FEMA, representative scenarios from which DOD nuclear facility commanders and State and local governments may select for use in testing and exercising radiological emergency plans.

(c) Assist State and local governments, within the constraints of national security and in coordination with FEMA, in the development, review and assessment of those portions of their radiological emergency plans related to DOD nuclear facilities and assist State officials with planning for response to accidents involving DOD controlled radioactive materials in transit.

(d) Provide representation to and support for the FRPCC and the RACs when appropriate.

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### **§351.28 The Department of Commerce.**

(a) Assist State and local governments in determining their requirements for meteorological and hydrological services for radiological emergencies and assist State and local governments in preparing to meet these requirements within the limits of available resources.

(b) Assist FEMA in developing and promulgating guidance to State and local governments for the preparation of radiological emergency plans.

(c) Participate with FEMA in assisting State and local governments in developing their radiological emergency plans, evaluating exercises to test plans and evaluating the plans and preparedness.

(d) Assist FEMA with the development, implementation and presentation to the extent that resources permit of technical training for State and local officials in the use of meteorological information in responding to radiological emergencies.

(e) Provide representation to and support for the FRPCC and the RACs.

(f) Assist FEMA in the development of guidance for State and local governments on the exposure and location of emergency instrumentation systems for radiation detection and measurement.

(g) The Federal Coordinator for Meteorological Services and Supporting Research will, consistent with the provisions of the Office of Management and Budget Circular A-62, serve as the coordinating agent for any multiagency meteorological aspects of assisting State and local governments in their radiological emergency planning and preparedness.

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