



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

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IN REPLY REFER TO:
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Honorable Gerald Johnson
Assistant to the Secretary
of Defense (Atomic Energy)
Washington 25, D. C.

Dear Dr. Johnson:

Reference is made to the letter of May 12, 1961 from the Honorable Herbert B. Loper to Dr. Nathan H. Woodruff which stated that the Interagency Radiological Assistance Plan (IRAP) had been reviewed and approved by the Department of Defense and that the services and agencies connected thereto would participate in the Plan.

It gives me pleasure to advise you that the enclosed Interagency Radiological Assistance Plan dated July 1961 is now effective. In addition to the Department of Defense and Atomic Energy Commission the Plan was approved by the: Department of Commerce; Health, Education, and Welfare; Labor; and Treasury; Post Office; Federal Aviation Agency; Interstate Commerce Commission; National Aeronautics and Space Administration; and the Office of Civil and Defense Mobilization. Participating agencies may now take appropriate action to implement the Plan within their respective agencies.

The Interagency Committee on Radiological Assistance, established under the provisions of the Plan, has met and taken initial implementing actions. The implementation of the Plan will be carried out in a manner compatible with and complementary to the currently effective Joint DOD-AEC Agreement of 27 February 1958 concerning response to nuclear accidents.

Sincerely yours,

Gordon M. Dunning
Acting Director
Division of Operational Safety

Enclosure:
Interagency Radiological Assistance
Plan, 7/1961

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INTERAGENCY RADIOLOGICAL ASSISTANCE PLAN

JULY, 1961

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BACKGROUND
FOR THE
INTERAGENCY RADIOLOGICAL ASSISTANCE PLAN

The Interagency Radiological Assistance Plan was developed by the Interagency Committee on Radiological Assistance as a means for providing rapid and effective radiological assistance in the event of a radiological incident. It also provides a means whereby the participating Federal agencies may coordinate their activities with those of state and local health, police, fire and civil defense agencies.

The Plan provides operating guidelines, a training program, and has as its basic policy the coordinated application of existing competencies, responsibilities and relationships in such a manner as to provide effective action at as local administrative level as possible.

It is anticipated that for at least some years to come, the Atomic Energy Commission and the Department of Defense will exercise major responsibilities for the control of radioactive materials. The Office of Civil and Defense Mobilization will continue to exercise its authority and responsibilities during major disasters while the Federal, State and local health agencies will play an increasingly important part in the health implications of this problem. Other agencies, through regulations and responsibilities in specific areas and their various capabilities, can also make important and perhaps the most significant contributions in specific cases. It is recognized that radiological injuries may arise from sources not clearly identified. In such instances first information concerning the situation may become known through civil defense, medical or public health channels and would be transmitted by the cognizant agencies into the information channels provided under this Plan.

INTERAGENCY RADIOLOGICAL ASSISTANCE PLAN

1. Purpose

The purpose of this plan is to provide for:

- a. The expeditious supply of effective radiological assistance to anyone requesting it in case of radiological incidents,
- b. The coordination of Federal and local radiological incident assistance operations, and
- c. The encouragement of the development of local capability to cope with radiological incidents.

2. Objectives

- a. Establish procedures which will integrate Federal and state and other capabilities available to respond to requests for assistance in radiological incidents.
- b. Establish a system for:
 - (1) Requesting and providing appropriate assistance.
 - (2) Reporting radiological incidents to the interested agencies and organizations, and to the public.
 - (3) The exchange of information between interested Federal, state and local agencies and organizations.
- c. To develop and execute an informational and training program for Federal, state and local officials to familiarize them with the problems and hazards related to radiological incidents and appropriate action to be taken.

3. Scope

The provisions of this Interagency Radiological Assistance Plan (IRAP) are applicable to all Federal agencies signatory hereto. Implementation of this Plan will be compatible with and complementary to currently effective assistance plans, agreements, security regulations, and responsibilities based upon Federal Statutes and Executive Orders (See Annex I).

of the provisions of the IRAP with the cooperation of the other participating Federal agencies. The AEC will carry out its responsibility (under IRAP) through a national coordinating office at AEC headquarters and coordinating offices at such of its operations offices as may be designated by the Commission. The AEC periodically shall inform the ICRA of the steps taken to implement its responsibilities under the plan.

c. IRAP signatory Federal agencies are responsible for:

- (1) Making their resources available to the responsible national or regional coordinating office during radiological incident operations subject to essential operational requirements in the fulfillment of their primary responsibilities, and
- (2) Providing an official representative to the ICRA and furnishing radiological incident capability data and other required information to the national and regional coordinating offices.

6. Concept of Operations

There will be established coordinating offices at the National, regional, state and local levels of the Federal agency organizations to the extent necessary to carry out the provisions of the IRAP. Offices and personnel normally available will be utilized to provide the necessary facilities, staff, and technical-operations personnel.

Operational details and responsibilities at the National, regional, state and local levels will be established as is required to accomplish the purpose, objectives and policy of this plan and enable the AEC and other signatory agencies to discharge their responsibilities under this Plan. Annex II, IRAP Operations, outlines certain criteria, duties, activities and action to provide a basis for radiological assistance operations.

7. Training

The Radiological Incident Training Program is attached as Annex III.

8. Definitions for the Purpose of this Document

a. Radiological Assistance is action taken after a radiological incident to:

- (1) Evaluate the radiological health hazard,
- (2) Minimize personnel exposure to radiation and/or radioactive materials,

ANNEX I

FEDERAL STATUTES AND EXECUTIVE ORDERS

APPLICABLE TO IRAP PARTICIPATING AGENCIES

The following is a list of Federal Statutes and Executive Orders which contain authority and responsibility applicable to emergency and disaster relief assistance of which radiological incident assistance is considered to be a part. There may be other applicable statutory authorities that should be added to this list. The list will need to be revised periodically to add presently effective applicable Federal Statutes and Executive Orders not listed below, to delete those that may no longer be effective, and to include those established by future legislation.

1. The Atomic Energy Act of 1954, as amended
2. The Federal Disaster Act of 1950, as amended
3. The Civil Defense Act of 1950, as amended
4. The Explosives and Combustibles Act of 1948
5. The Public Health Service Act (42-USC-241)
6. The Federal Water Pollution Control Act (33-USC-466)
7. The Air Pollution Research and Technical Assistance Act, (42-USC-1857)
8. The Federal Food, Drug, and Cosmetic Act, as amended, (21-USC-301-392)
9. The Tea Importation Act, as amended, (21-USC-41-50)
10. The Import Milk Act (21-USC-141-149)
11. The Federal Hazardous Substances Labeling Act (21-USC-301-371)
12. The Filled Milk Act, as amended, (21-USC-61-64)
13. The Interstate Commerce Act
14. The National Security Act of 1947, as amended
15. Executive Order No. 10831, August 14, 1959

ANNEX II

IRAP OPERATIONS

a. National Coordinating Office

- (1) Carries out within the policy and provisions of the IRAP the management functions requisite to the administration, implementation, application and coordination of the Federal agency radiological assistance capabilities made available under the Plan.
- (2) Specific activities include:
 - (a) Coordination of the Radiological Incident Training Program, Annex III, to assure the development of training material suitable for use by the participating Federal agencies and adaptation to special groups such as the transportation industry.
 - (b) Establishment of a system and procedures to obtain information and radiological incident reports from regional coordinating offices and other Federal, civil and private sources.
 - (c) Development of a system for the coordination and dissemination of information to interested Federal, state and local organizations and the public.
 - (d) Establishment of basic operating rules and procedures for the integration and coordination of radiological assistance coordinating office operations.
 - (e) Issuance of instructions, directives, reports, bulletins and such other documents as are necessary to put into effect the policy of the Plan and such policy interpretations, changes in the Plan, and other determinations as may be arrived at by the ICRA.
 - (f) Establishing a system of review and coordination for Regional Coordinating Office activities to assure continuity of regional actions with those of the participating Federal agencies.
 - (g) Reporting to the ICRA on the progress being made under the IRAP and other matters of interest to the Committee.

been involved at the scene of the incident and others who may have observed the incident or events leading to the incident.

- (2) Radiological assistance operations at the scene of the incident will be carried out as follows:
- (a) Those controlled by a Federal agency or local organization in accordance with the degree of authority available at the scene, will continue to be so controlled until controlling authority is transferred to transcendent authority where it exists.
 - (b) Those associated with radioactive materials physically under the control of a Federal agency will be controlled by that agency until controlling authority is transferred to transcendent authority where it exists,
 - (c) Those associated with weapons will be controlled in accordance with the provisions of AEC-DOD agreements,
 - (d) Those in support of action taken to cope with the effects of major disasters will be coordinated under the provisions of applicable Federal Statutes and Executive Orders,
 - (e) Those in support of non-military radiological defense from enemy attack will be coordinated by OCDM as specified in applicable Federal Statutes and Executive Orders, and
 - (f) Those initiated in support of the National Search and Rescue Plan will be conducted in accordance with the provisions of that plan and supporting agreements.

ANNEX II

ANNEX III

RADIOLOGICAL INCIDENT TRAINING PROGRAM

FOR

PUBLIC SAFETY AND PUBLIC HEALTH PERSONNEL

1. Purpose:

This Radiological Incident Training Program provides uniform instruction and a method of implementation for those personnel of Federal, state, and local organizations who might be expected to respond in the interests of public safety and health to cope with such hazards as might result from incidents involving radioactive materials.

2. Objectives:

a. The training of appropriate persons to insure that:

- (1) immediate emergency actions at the scene of a radiological incident will be taken to minimize personal injury, loss of life, property damage and radiological hazards; and
- (2) action to inform the public and to assist in restoring normalcy will be taken as soon as possible after the incident.

b. The formulation and dissemination of criteria, information and procedures to be utilized in pre-incident planning and indoctrination aimed at:

- (1) preventing irresponsible action at the scene of a radiological incident; and
- (2) mitigating adverse psychological reactions of individuals and members of the public who may become concerned with a radiological incident.

3. Scope:

a. Personnel to be provided training includes those:

- (1) likely to be at the scene of an incident when it occurs;
- (2) subject to being called for assistance in the immediate vicinity of an incident; and

- d. The National Coordinating Office with the advice and assistance of the Training Coordination Subcommittee will apprise the appropriate Federal agencies of the magnitude and importance of the Radiological Incident Training Program and request them to assume specific responsibilities, subject to commitments of higher priority, for implementation of the personnel training program within the scope of their declared competencies and relationships.

ANNEX III

ANNEX IV
FEDERAL AGENCIES SIGNATORY
TO THE
INTERAGENCY RADIOLOGICAL ASSISTANCE PLAN

In accordance with paragraph 9 of the basic plan the following
Federal agencies are signatory to the Plan:

Atomic Energy Commission
Department of Defense
Department of Commerce (U. S. Weather Bureau)
Department of Health, Education, and Welfare
Department of Labor
Federal Aviation Agency
Interstate Commerce Commission
National Aeronautics and Space Administration
Office of Civil and Defense Mobilization
Post Office Department
Treasury Department (U. S. Coast Guard)