

Civil Protection Operational Management Plan  
of Japan Atomic Energy Agency  
(Provisional translation)

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# Civil Protection Operational Management Plan of Japan Atomic Energy Agency

## Chapter 1 General Provisions

### 1. Position and objective of the plan

- (1) The Japan Atomic Energy Agency (which is abbreviated as JAEA hereafter) has been assigned as a designated public corporation based on the "Act on the Peace and Independence of Japan and Maintenance of the Nation and the People's Security in Armed Attack Situations etc." (Armed Attack Situation Response Law; Law No. 79 of 2003).
- (2) The JAEA developed this plan as a designated public corporation as stipulated under Paragraph 1, Article 36 of the "Law concerning the Measures for Protection of the People in Armed Attack Situations etc." (Civil Protection Law; Law No. 112 of 2004).
- (3) This plan aims at establishing the basis of various policies concerning civil protection measures to smooth and appropriate protection of the citizen. Based on this plan, the JAEA will deal with emergency support of an "armed attack nuclear disaster etc." based on the "Basic Guidelines on the Protection of the People" (as determined by the Cabinet on March 25, 2005). Here, the term "armed attack nuclear disaster etc." means radioactive contamination by nuclear disasters, radioactive substances and the like followed armed attack situations and emergency coping situations.

### 2. Basic policy of implementation

- (1) The JAEA implements necessary measures based on this operational management plan for emergency assistance coping with an armed attack nuclear disaster etc.
- (2) For deciding the civil protection measures and emergency response protection measures based on this plan, the President of the JAEA will take into consideration of the information provided by the national government and local governments concerning its implementation method, etc., and he/she will voluntarily judge according to the status of armed attack situations and emergency response situations.
- (3) In accordance with the content of the civil protection measures and emergency coping protection measures, the President provides to those of the JAEA engaged in these measures necessary information such as the situation of countermeasures by the national government and local governments; he/she pays due attention to ensuring their safety by establishing a communication and support system in case of emergency.
- (4) In implementing this plan, the JAEA will cooperate with the national government, local governments and other relevant organizations concerning protection measures for citizens and emergency response measures (hereafter referred to as "relevant organizations"), and should ensure that public custody protection measures and emergency response protection measures are carried out precisely and promptly.
- (5) The concrete implementation of this plan must conform to various regulations of the JAEA and its agreements concluded between the relevant organizations.
- (6) When an "armed attack nuclear disaster etc." occurs at a nuclear facility of the JAEA or

during the transportation of JAEA's radioactive substances outside of its site, the JAEA will prioritize its involvement as a nuclear operator affected than dealing with emergency response as the designated public corporation prescribed in this plan.

If JAEA's own facility is affected by an "armed attack nuclear disaster etc.", the Nuclear Operator Emergency Management Plan, etc. will be activated based on the Nuclear Emergency Preparedness Measures Law (Law No. 156, 1999).

### 3. Future revision of the plan

The JAEA always reviews this plan by considering changes in the progress of science and technology and other circumstances, and modifies it if it is deemed necessary.

## Chapter 2 Establishment of Framework for Assistance in Implementation of Civil Protection Measures

### 1. Development of the response organization and communication system

- (1) The JAEA appropriately operates, manages and maintains the information communication systems including Emergency Network System (Em-Net) and the Cabinet Office's Anti-Disaster Radio Community System, even in night time and on holidays to receive promptly and reliably the information when an alert notification or a request from the national government etc. will be made. In addition, it is required to maintain close cooperation with relevant organizations.
- (2) The organizations that assist in implementing civil protection measures are as follows and they cooperate closely with each other. The framework of each organization is in accordance with the relevant regulations of the JAEA.
  - a) Sector of Nuclear Safety Research and Emergency Preparedness / Nuclear Emergency Assistance and Training Center  
The organization dealing with notification of the alarm or a request for support from the national government is the Nuclear Emergency Assistance and Training Center (which is abbreviated as NEAT hereafter) of the Sector of Nuclear Safety Research and Emergency Preparedness.
  - b) Emergency response headquarters of the JAEA  
The emergency response headquarters of the JAEA (hereafter called Headquarters) and its support group (Tokyo support group) will be established at the Head Office and at the Tokyo Office, respectively.
  - c) Tsuruga response headquarters  
In the case of radioactive contamination caused by nuclear disasters or radioactive substances in armed attack situations etc. in the Tsuruga Area, Tsuruga response headquarters will be established in the Tsuruga Head Office.
  - d) Support headquarters  
Each establishment will set up its support headquarters as appropriate.
- (3) To contact to relevant organizations will be made in a notification framework specified in the relevant regulations of the JAEA.

### 2. Staff mobilization plan

For mobilization of the staff etc., the JAEA plans to:

- (1) maintain an emergency call-out system;
- (2) - call-out experts such as nuclear reactor engineering and radiation protection,  
- evaluate and examine the collected information, etc. and  
- develop a system to provide technical support etc. for civil protection measures implemented by the national government and others;
- (3) establish a dispatching system for emergency radiation monitoring personnel to the site in preparing for a request for assistance from the national or a local government;
- (4) establish an appropriate system for aerial radiation monitoring; and

- (5) establish a system both to secure dose evaluation personnel and to evaluate public exposure doses, for supporting the national and local governments in their assessment of public exposure doses.

### 3. Training

- (1) For effectively implementing civil protection measures, the JAEA prepares necessary manuals, makes staff and others universally comprehended, and conducts training periodically in order to ensure the efficiency of response procedures including application of equipment and gears for emergency response and the cooperation with relevant organizations.
- (2) The JAEA participates in or cooperates in exercise on civil protection measures implemented by the national or a local government.

### 4. Preparation of equipment for emergency response

In preparation for civil protection measures at normal time, the JAEA deploys and maintains the necessary radiation protection suits and measuring instruments including the thyroid monitors and whole body counters to support estimation of exposure dose of the public.

### 5. Analysis and reorganization of the information

The JAEA takes care to collect, organize, analyze and store the information related to civil protection measures at normal time. It will also promote to disseminate information and share it with others concerned.

## Chapter 3 Matters Concerning the Civil Protection Measures Taken by the JAEA

### 1. Matters of civil protection measures

The activities concerning the civil protection measures implemented by the JAEA in this plan are as follows:

- (1) Deployment of the response organization and communication system
- (2) Collaboration and cooperation with relevant organizations and information gathering/communication
- (3) Radiation monitoring
- (4) Dispatch of experts to the off-site center, etc.
- (5) Provision of equipment and materials for restoration support
- (6) Instruction and advice to relevant organizations on reduction of and restoration from radioactive contamination arisen from nuclear disasters and dispersion of radioactive substances from armed attack situations
- (7) Cooperation on gathering information on the safety of the disaster victims collected by the relevant organizations
- (8) Other matters necessary for smooth implementation of civil protection measures of the JAEA

### 2. Contents of civil protection measures and implementation methods

- (1) Deployment of the response organization and communication system

Responding to the President's directions, the Head Office, Tsuruga Head Office, Tokyo Office and other establishments promptly deploy the organizations described in Section 1 of Chapter 2, call out the response personnel and prepare the necessary response system.
- (2) Collaboration and cooperation with relevant organizations and information gathering/communication
  - To share information with relevant organizations and to tighten cooperation.
  - To strive to collect disaster victim information concerned with civil protection measures and to report it to the national government.
  - To make efforts to promptly provide the public with information about the status of the civil protection measures implemented by the JAEA, utilizing public communication means such as the Internet.
  - To share information at any time with the personnel dispatched to off-site center etc., transmitting them on the progress of the civil protection measures and damage situation.
- (3) Radiation monitoring
  - To conduct emergency radiation monitoring according to the Disaster Management Operation Plan of the JAEA, depending on the situation.
  - To provide technical support necessary for estimating internal and external exposure doses in case of emergency in cooperation with the national and local governments.



- (4) Dispatch of experts to the off-site center, etc.
- To dispatch experts and provide technical support according to the situation of civil protection measures taken by relevant organizations.
  - To make the experts of JAEA attend a meeting of the Military Attack Nuclear Disaster Joint Measures Council if necessary and to provide the knowledge of JAEA.
  - To dispatch liaison staff to the off-site center, etc. to constantly share necessary information such as facility condition, emergency radiation monitoring information, evacuation / sheltering status of residents, and to make necessary coordination for the JAEA's civil protection measures.

- (5) Provision of equipment and materials for restoration support

In accordance with civil protection measures, to make necessary cooperation such as dispatch of personnel and provision of equipment for emergency response related to restoration measures.

- (6) Instruction and advice to relevant organizations on reduction of and restoration from radioactive contamination arisen from nuclear disasters and dispersion of radioactive substances from armed attack situations

In case of contamination by nuclear disaster followed armed attack situations, to take actions such as evaluation and analysis of the situation, consideration of radiation protection measures of the residents and countermeasures against the spread of contamination, etc., as well as to give guidance and advice to relevant organizations.

- (7) Cooperation on gathering information on the safety of the disaster victims collected by the relevant organizations

To provide information on the safety of the disaster victims obtained in association with civil protection measures to the local governments.

- (8) Other matters necessary for smooth implementation of civil protection measures

### 3. Other matters concerning the cooperation with relevant organizations

When further assistance is requested from the national or local governments, the JAEA will cooperate in it as much as possible, such as in informing and public communication activities, dispatching of personnel, etc.

#### Chapter 4 Necessary Matters Concerning Implementation of Protection Measures in an Emergency Response

Implementation system of protective measures, and its contents and implementation methods are in accordance with the provisions of Chapters 2 and 3 of this Plan.