

Instructions for Application

Nuclear Waste Management Organization of Japan (NUMO)

Site Planning and Public Relations Department
Mita NN Building 2F.
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Toei Mita Line, Toei Asakusa Line (Mita Station Exit A9)
JR (Tamachi Station): 5-minute walk

December 2002

Nuclear Waste Management Organization of Japan

1. Application for

Volunteers for areas to explore the feasibility of constructing a final repository for high-level radioactive waste (*)

2. Applicants and Method:

Applicants: Municipalities (in cases where the area covers more than one municipality, please apply under the joint names of the applicable municipalities)

Method : After filling out the necessary information on the application form on the following page, please submit by registered mail or a reliable method such as submission in person.

Submit applications to:

The President
Nuclear Waste Management Organization of Japan
Mita NN Building 2F.
1-23, Shiba 4-chome, Minato-ku, Tokyo 108-0014

3. Application Period

Open solicitation starts on December 19, 2002.

A deadline may be set based on the application status. In that case, the deadline will be officially announced in advance.

4. Contact Information

Please direct questions to:

Site Selection Group, Site Planning and Public Relations Department
Nuclear Waste Management Organization of Japan
TEL: +81-3-4513-1116
FAX: +81-3-4513-1299

Please refer to the application information before applying.

Application Form

Date

To: The President

Nuclear Waste Management Organization of Japan

Applicant: Name of mayor Seal

Name of municipality

We hereby apply as a volunteer for areas to explore the feasibility of constructing a final repository for high-level radioactive waste. The particulars are given below.

1. Volunteered Area

2. Contact Information

(1) Postal Code

(2) Address

(3) Name and Position of Contact Person

(4) Telephone Number

(5) FAX Number

3. Other Special Information

(*) High-level radioactive waste: This document use the term "high-level radioactive waste," which is used widely in the field of nuclear energy, in place of the term "specified radioactive waste" referred to in the Specified Radioactive Waste Final Disposal Act. Specifically, it refers to vitrified waste.

Application Information

1. Selection of preliminary investigation areas

- Selection of a site for construction of a high-level radioactive waste repository will include 3 stages.
- The Nuclear Waste Management Organization of Japan (NUMO) will openly solicit for “volunteers for areas to explore the feasibility of constructing a final repository for high-level radioactive waste” from all municipalities in Japan for the first stage: selection of preliminary investigation areas (areas to be investigated by borehole survey, etc.) (*).
- Based on investigations of relevant documents and other information (literature survey), NUMO will examine the volunteered area and surrounding area in order to set the preliminary investigation area boundaries according to the “Siting Factors for the Selection of Preliminary Investigation Areas”.
- There may be cases in which the preliminary investigation area boundaries are greater than the area volunteered by the municipality. The added section will fall under preliminary investigation, but NUMO cannot designate it as part of the repository construction site.
- Upon completing the necessary procedures, the preliminary investigation areas will be approved by the Minister of Economy, Trade and Industry (please see the references).

2. Approximate Extent of the Volunteered Area

- The extent of the volunteered area should be approximately 10 sq. km. This figure is the projected surface area required for the underground facilities of the repository. Coastal locations and islands may include the sea bed, but must be able to provide an area of approximately 1 sq. km for the surface facilities.
- An area smaller than 10 sq. km may still be technically possible, so please contact NUMO. For details, please refer to “Repository Concepts.”

3. Description of the volunteered area

- For “1. Volunteered Area” on the application form, please describe the area in such a way that is clearly understandable. The description may be broad [e.g. North-eastern region of XX City].
If the area can be described on a map, please attach a map indicating the location to the application form [e.g. map scale: 1/50,000].

4. Prior confirmation of the volunteered area’s geological conditions

- Before conducting the literature survey, NUMO will confirm whether or not the volunteered area satisfies the geological conditions set out below. If the results of this prior confirmation show that the area does not satisfy the geological conditions, the area will not be included in the literature survey.
These results will be notified to applicants in writing.

[Geological Conditions]

- Excluded are locations with active faults that are indicated by nationwide literature based on, for instance, aerial photographs for land areas or acoustic surveys for sea areas.
- Excluded are areas within a radius of 15 km around a volcanic center, considering the possibility of a wider range of magma activity over future several tens of thousands of years.

(Note) For details, please refer to the “Nationwide Evaluation Factors” related to active faults and volcanoes (Quaternary volcanoes) on pp. 9-14 and the attached figures on pp. 20-22 of the “Siting Factors for the Selection of Preliminary Investigation Areas.”
Please contact NUMO if detailed drawings are necessary or if there are any questions regarding the location of active faults or volcanoes.

(*) As specified by the “Open solicitation for preliminary investigation areas” in the “Basic approach for selection procedures for preliminary investigation areas for specified radioactive waste disposal” officially announced in October 2001.

Response after Receipt of Application

After conducting the aforementioned prior confirmation of the volunteered areas, NUMO will conduct a literary survey once preparations have been completed. The results of the literature survey will be documented in a report and an opportunity will be provided for you to read this report and to give your opinions.

The figure below shows the selection of preliminary investigation areas (the first stage). The selection of detailed investigation areas (the second stage) and the selection of the site for repository construction (the third stage) will follow the same procedure with the results of preliminary and detailed investigations.

We would appreciate your cooperation during all stages of this investigation

