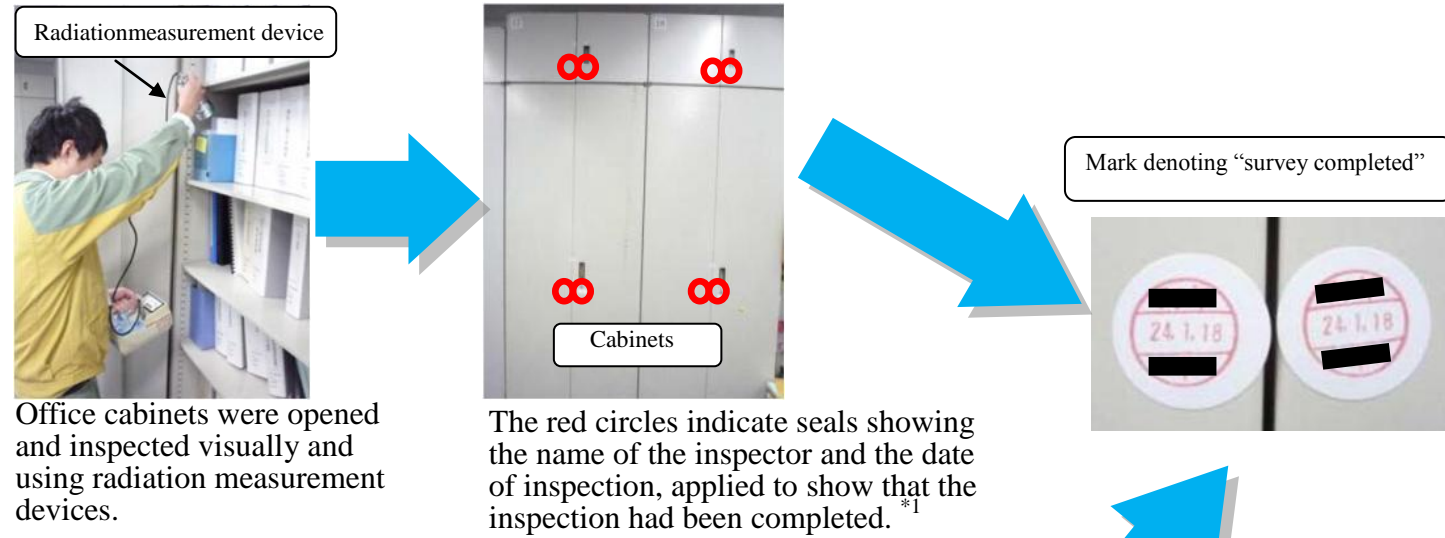


Results of Survey of Status of Storage of Nuclear Materials (Overview)

1. Survey method

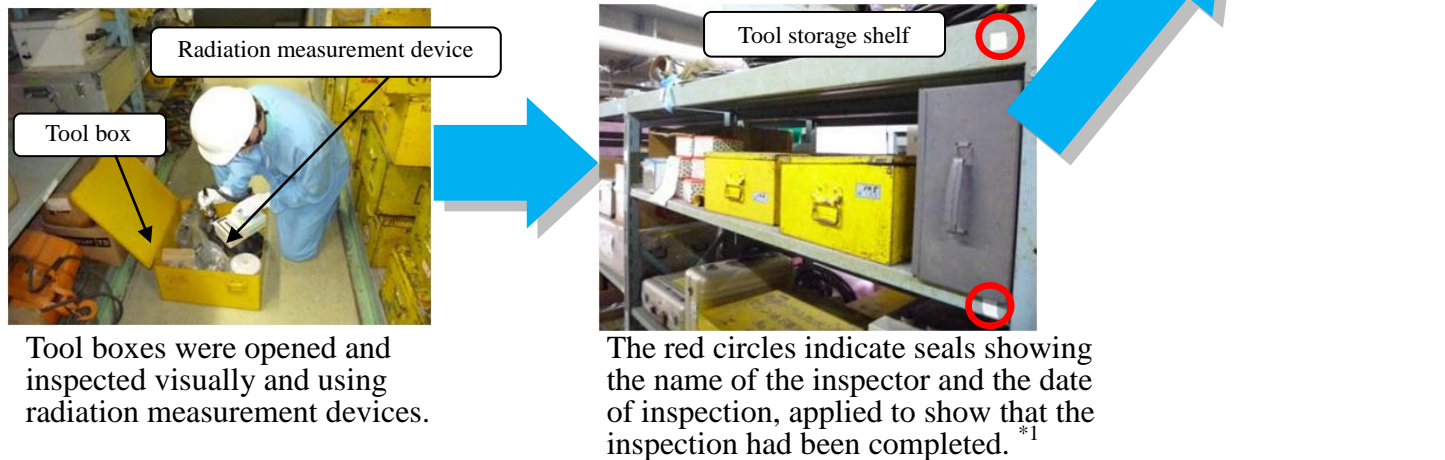
Chubu Electric staff or inspectors contracted by Chubu Electric conducted visual inspections and inspections using radiation measurement devices.

Ex. 1. Office cabinet



Office cabinets were opened and inspected visually and using radiation measurement devices.

Ex. 2 Tool boxes



Tool boxes were opened and inspected visually and using radiation measurement devices.

*1 Because the inspections at Hamaoka Nuclear Power Station covered a large amount of storage areas, seals were applied when an inspection had been completed in order to prevent any oversights.

2. Survey results

The survey determined 47 instances of nuclear materials being stored without accountancy and control.

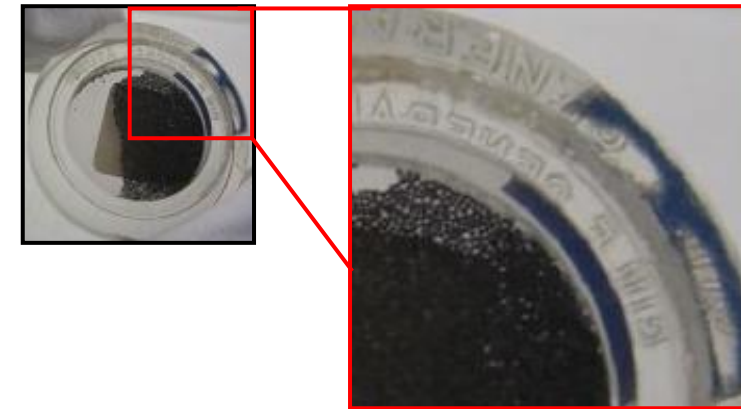
Location	Nuclear fuel material ^{*2}	Quantity	Nuclear source material ^{*3}	Quantity
Hamaoka Nuclear Power Station	Model of fuel for high-temperature gas-cooled reactor (Trace amounts of thorium adhering)	1	Uranium ore	21
	Pellets (Natural uranium)	3	Ore containing uranium and thorium	1
	Panel consisting of metal sheet coated with nuclear material (depleted uranium)	1	Ore containing thorium	2
	Yellowcake (Natural uranium)	3	Uranium ore	12 (3 in each branch)
Nagoya, Okazaki, Mie and Shizuoka branches	None	—	None	—
Nagano and Gifu branches	None	—	Uranium ore	2
Electric Power Research & Development Center	None	—	Uranium ore	1
Thermal Power Administration Center	None	—		

- : Nuclear materials the use of which requires permission to be obtained under the Nuclear Reactor Regulation Law 【8 instances】
- : Nuclear materials for which notification of use is not required under the Nuclear Reactor Regulation Law 【39 instances】
- : Internationally controlled substances requiring accountancy and control (Subjects of a report submitted based on instructions from MEXT) 【5 instances (Relisted here)】

- *2 Nuclear fuel materials are materials such as uranium and thorium, which emit high levels of energy during the process of nuclear fission. Permission must be obtained for the use of these materials in quantities exceeding certain specified amounts.
- *3 Nuclear source materials are ores that can be used to produce nuclear fuel materials such as uranium and thorium. The relevant authorities must be notified when these materials are used in quantities exceeding certain specified amounts. The quantities of uranium ores, etc. discovered in the present survey were lower than the quantities for which notification procedures are required.

Newly discovered nuclear material

Model of fuel for high-temperature gas-cooled reactor (Trace amounts of thorium adhering)
(Fuel modeled using aluminum oxide)



- Mass: Approx. 12 g (Including container)
- Mass of nuclear material: Approx. 0.106 g of thorium
- Dimensions: (Container) External diameter 38 mm×Thickness 11 mm
- Radiation at surface: 0.3 μSv/h

Uranium ore



<Example of uranium ore>

3. Future responses

(1) Measures to prevent reoccurrence

Chubu Electric Power Co., Inc. has conducted the procedures demanded by the Nuclear Reactor Regulation Law in relation to nuclear fuels and other materials actually employed in nuclear reactors, but the procedures demanded by the law have not been conducted in the case of the samples and exhibits for public relations purposes, etc. discovered in this inspection. This is believed to be due to a lack of knowledge regarding the law in departments other than those directly handling nuclear materials. The following measures will therefore be put in place in future.

a. Education concerning the handling of nuclear materials

We will provide education concerning the Nuclear Reactor Regulation Law for employees of all departments that might handle nuclear materials or models of nuclear materials.

b. Establishment of section responsible for centralized inventory management of nuclear materials not directly used in nuclear power generation

We will establish a section responsible for centralized inventory management of nuclear materials throughout the company that are not directly used in nuclear power generation. We will also employ a system in which that section conducts checks when models or simulated nuclear materials are obtained.

(2) Management of nuclear materials revealed by the survey

In the case of the eight instances of nuclear materials for which permission must be obtained for use under the Nuclear Reactor