

THE CURRENT STATUS AND IMPROVEMENT ON THE
REGISTRATION SYSTEM FOR RADIATION WORKERS
AT THE NUCLEAR FACILITIES IN JAPAN

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ABSTRACT

The number of radiation workers engaged in the nuclear field in Japan has already reached about 210,000, and that of nuclear facilities 31. As a considerable number of these workers are doing their work in more than one facility, it is requested for us to certify radiation workers and manage their records in one system throughout the country.

For those purposes the Registration System for Radiation Workers and the central office for it were established in 1977.

The current status and a new improvement scheme are as follows.

1) current status of the system

A) main activities

- a) registration of workers
- b) issuance of radiation passports
- c) registration and keeping of the personal dose records
- d) response to inquiries about the records

B) participating organization

- a) nuclear laboratories
- b) nuclear Power stations
- c) nuclear fuel fabricating companies
- d) maintenance contractors for nuclear facilities

C) problems

Telephone, facsimile and mail are used for the communication between each facility and central office in the system now, so

- a) it takes a lot of time to answer to inquiries, and
- b) the dose data for short period-for instance, monthly data-hav'n't been dealt with.

2) improvement scheme

- A) establishment of an on-line network system which enables each terminal computer to have direct access to the master computer.
- B) issuance and maintenance of radiation passports by the terminal computers installed at facilities.