

## 2 Status of Occupational Radiation Exposure Management

- (1) Licensees for the construction of reactors, etc., are obligated to control the exposure levels of personnel engaged in radiation work so as not to exceed the exposure limit prescribed by the Nuclear Reactor Regulation Law.

This document has been compiled from the FY1979 "Report on Radiation Management, Etc.," as submitted by licensees for the construction of commercial reactor facilities in accordance with the Nuclear Reactor Regulation Law, and the "Report on Exposure Dose, Etc., of Radiation Workers," etc., in accordance with an administrative notification.

According to these reports, the records of occupational radiation exposure at commercial reactor facilities in FY1979 were lower than the limit at all nuclear plants.

The annual exposure records of personnel engaged in commercial reactor facilities since FY1970 are provided in the appendix for reference purposes.

[Reference] Individual exposure limits of personnel engaged in radiation work is 3 rems per three months.

- (2) The following are notes for the tables:

- 1) The "total" number of personnel engaged in radiation work is the sum of all the numbers recorded at each nuclear facility. Therefore, workers who have worked at more than one facility are counted more than once.
- 2) The "total exposure dose" values for "employees" and "others" have been rounded to the nearest whole number. For certain data the sum of "employees" and "others" does not correspond to the "total," which is an error due to the above-described calculation method.
- 3) The "average dose" values were rounded to two decimal places.
- 4) The exposure dose of personnel who have worked at both the Tokai Power Station and the Tokai Daini Power Station of the Japan Atomic Power Co., Ltd. has been calculated at these two plants through the process of double counting.

- (3) Regarding occupational radiation exposure, the Occupational Exposure Central Registration Center of the Radiation Effects Association has registered and managed the data of occupational exposure doses, etc., in a centralized manner since November 1977, and has promoted the Radiation Work Passport System, thereby advancing the management of occupational radiation exposure.

As of the end of March 1980 there was the enrollment of 114,613 persons with the issuance of 62,141 copies of *the Radiation Work Passport*.