

V-2 Status of Occupational Radiation Exposure Management

- (1) Licensees for the construction of commercial reactor facilities 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 FY1987 "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 FY1987 were lower than the limit at all nuclear plants.

The annual exposure records of personnel engaged in commercial reactor facilities since FY1978 are provided in the appendix for reference purposes.

- (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) Reactors have been included in the "unit number of reactors" only after reaching the first critical state.
- 5) The number of personnel engaged in radiation work and exposure doses have been collected since the institution of control zones.
- 6) 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 Company Co., Ltd. has been calculated by dividing the value indicated on the film badge into proportions based on the dosimeter of the thermo luminescence dosimeters at these two plants.
- 7) The number of personnel engaged in radiation work in the table on the "total of BWRs" and the table on the "total of PWRs" includes those who worked at both Unit 1 and Unit 2 of the Tsuruga Power Station of the Japan Atomic Power Co., Ltd., and are therefore counted twice.