

VII-1 Status of Radioactive Waste Management at Commercial Reactor Facilities

(1) Released Amount of Radioactive Gaseous and Liquid Waste

To achieve the target exposure dose level for the public around the facilities at all nuclear power plants (i.e., 50 μSv per year) in accordance with the "Guide for Dose Objectives around Light-Water Nuclear Power Reactor Facilities," it is required that the annual emission control target levels for the amount of radioactive gaseous and liquid waste are determined and that efforts be made to prevent these target levels from being exceeded.

The released amount in FY1999 was lower than the target emission levels at all power plants.

The results of the evaluation, which was performed in accordance with the "Evaluation Guide for Dose Objectives around Light-Water Nuclear Power Reactor Facilities," etc., show that the effective dose equivalent of public exposure was less than 1 μSv per year.

The annual released amounts of radioactive gaseous and liquid waste since FY1990 are shown in reference documents 1 through 4.

The radioactivity of released radioactive gaseous and liquid waste was measured in accordance with the "Guide for Measurement of Released Radioactive Materials from Light-Water Nuclear Power Reactor Facilities."

"N.D." in the tables indicates a concentration of release radioactivity below the limit of detection at the time of measurement.