



The prefectural government and electric power companies always monitor and check the safety of the environment surrounding power plants.

## Environmental-radiation monitoring in Fukui Prefecture

After the accident in Fukushima Daiichi Nuclear Power Plant, Fukui Prefecture increased the number of monitoring stations from 18 to 44, and monitors the radiation amount around the nuclear power plants 24 hours a day.

Real-time data is collected and monitored concerning the operating conditions of each power plant in the prefecture, and the radioactive materials in the air and liquids released during the operation of the power plants. All data is made available to the public by the Fukui Prefectural Environmental-Radiation Research and Monitoring Center, and monitoring-data display devices at 23 locations across the prefecture.

This data can be viewed at <http://houshasen.tsuruga.fukui.jp/>. In addition to radiation monitoring, the amount of radiation contained in vegetables, fish, and drinking water is periodically examined.



▲Homepage of the Fukui Prefectural Environmental-Radiation Research and Monitoring Center, where real-time data of environmental radiation is publicized

Radiation is monitored 24 hours a day.

### The Fukui environmental-radiation monitoring telemeter system

Data on the amount of radiation monitored at the 117 monitoring stations within the prefecture (prefectural:44, electric power company: 62, and national: 11), electrical output, exhaust stack monitors and discharge monitors are continuously collected and monitored 24 hours a day. The measured data is sent to the central monitoring station every 10 minutes and calculated and analyzed by a computer to judge abnormalities. When an abnormal value is observed, staff is immediately and automatically notified, even at night or on holidays.

The monitoring data is made available to the public in real time.

### Publication functions and information-based system

The various data collected by the radiation-monitoring telemeter system is made available to the public to citizens in real time. This data can be viewed via Internet, cell phones, and monitoring-data display devices at 23 locations across the prefecture.

#### What is the Fukui Environmental Radiation-Monitoring Council?



It is a group consisting of specialists from the Fukui Nuclear Energy Safety Division, the Fukui Prefectural Environmental-Radiation Research and Monitoring Center, the prefectural fisheries experiment station, the Kansai Electric Power Co. Inc., the Japan Atomic Power Co., and the Japan Atomic Energy Agency. The quarterly environmental-radiation examinations performed by each agency are reviewed and evaluated to make cohesive reports.

#### What is the Fukui Nuclear Safety Commission?

It is a group consisting of specialists (academic experts) in nuclear engineering, materials and radiation chemists. They conduct reviews and assess nuclear safety issues in Fukui prefecture from a technical and independent point of view.



#### What is Fukui Atomic Energy Environmental Safety Management Consultation?



It is a group consisting of representatives from the Fukui prefectural government, related cities and towns and their assemblies, the medical association, the agricultural and fishery cooperatives, labor organizations, commercial association, youth organizations, women's association, etc. They hold quarterly conferences. In those conferences, the examination results of environmental radiation and hot drainage data is reviewed by the Fukui Environmental-Radiation Monitoring Council and the operation and management conditions of each power plant are discussed to ensure environmental safety.

## Environmental-radiation monitoring system in Fukui Prefecture

