



2006 Environment Action Report Highlights

We continually strive to achieve better operation of our environmental management system (EMS)

EMS P12

We have started EMS Training to complement the ongoing support that the Environmental Affairs Department provides to business sites and offices.

We have reinforced our efforts to combat global warming

Energy and resource conservation in office P25

Take active part in "Cool Biz" drives P26

Starting from FY2006, we have established new environmental targets in four areas - e.g., in-house power consumption - in order to further boost our office energy and resource conservation activities. Kyushu Electric Power has also been a proud and active member of Team Minus 6%, the movement started by Global Warming Prevention Headquarters (headed by Prime Minister Junichi Koizumi) since June 2005.

Kyushu Electric Power is a proud member of Team Minus 6%.



みんなで止めよう温暖化

チーム・マイナス6%

We have begun cooperative collection of industrial waste

Cooperative collection of industrial waste P29

In a move aimed at more efficient and effective recycling and reduction of the volume of waste disposed of at landfills outside company premises, we have begun cooperative collection of industrial waste.

We have submitted our environmental impact assessment procedure for scrutiny

Environmental assessment P31

With a view to development of the upcoming nuclear power in the latter part of the next decade, we have conducted an environmental survey at the Sendai Nuclear Power Station, and submitted the resulting environmental impact assessment procedure to the national and pertinent local governments in August 2005.

We are dedicated to eliminating asbestos

Control of chemical substances (asbestos) P34

We ascertained and published information relating to the amount of asbestos used in our buildings and facilities.

We won first prize in the Green Reporting Awards

Environment Action Report P36

Kyushu Electric Power was honoured with first prize at the 9th Green Reporting Awards held jointly by Toyo Keizai Inc., and the Green Reporting Forum for our FY2005 Environment Action Report.

The Kyushu Electric Power Group practices environmental corporate management.

Environmental corporate management at the Kyushu Electric Power Group P42

FY2005 saw us expand the number of group companies practicing environmental corporate management from 40 to 46, and we have also beefed up the group's environmental targets for FY2006 onwards.

See the notices regarding our Pluthermal Plan for the Genkai-3 Nuclear Power Station

Pluthermal Plan P08



We hold environmental education support activities at the Onagohata Recreation Forest.

Environmental education support activities P39

To support environmental education especially at schools, Kyushu Electric Power is hosting nature classes and nature watch programs in the Onagohata Dam area.



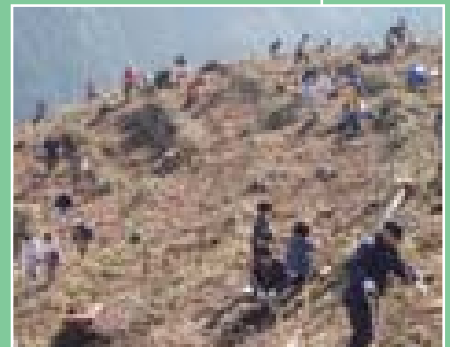
Children enjoy learning at the environmental workshops.



The Kyushu Homeland Forestation Program is underway all over Kyushu.

Kyushu Homeland Forestation Program P38

The Kyushu Homeland Forestation Program, which aims to plant one million trees over 10 years starting from FY2001, has marked its sixth anniversary, and 540,000 trees have been planted so far.



A forestation program underway in the Sozu River source area of Hitoyoshi City. (Hitoyoshi City, Kumamoto Prefecture)

1 million trees

540,000 so far

'01 '02 '03 '04 '05

We are working with communities all over Kyushu to conduct environmental activities.

We are engaged in environmental communication all over Kyushu.



Our Kyushu-wide exhibition centers offer educational fun for all

Lectures and Study Tours P36

In July 2005, the Kyushu Energy Hall (Yakuin, Chuo-ku, Fukuoka) welcomed its five millionth visitor, while the Genkai Energy Park (Genkai-cho, Higashi Matsuura-gun, Saga) welcomed its two millionth visitor in May 2006.



Kyushu Energy Hall

More information about each center on page 61.



Genkai Energy Park



Eco Mothers in each region conduct their own unique environmental PR activities.

Eco Mothers Project P37

In FY2005, Eco Mothers performed 209 environmentally-themed picture-card shows at kindergartens, nursery schools, and children's meetings.

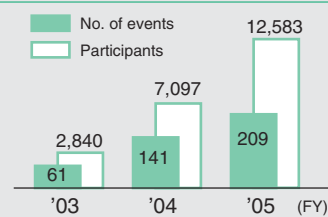


After an environmentally-themed picture-card show, children find out through hand-made educational materials about what they can do to preserve the environment.



- Onagohata Recreation Forest
- Areas of major FY2005 tree-planting achievement (3,000+ trees)
- Exhibition centers
- Eco Mothers bases

Eco Mothers Project



~Pluthermal Plan~

We outlined a plan to start pluthermal operations at Genkai-3 that will be in use by FY2010.

We established a policy for the pluthermal plan at Genkai-3 that will be in use by FY2010.

We submitted our applications for prior consent to Saga Prefecture and Genkai town on May 28, 2004, based on our safety agreement. On the same day, we submitted the application for permission for reactor modification to the government.

After undergoing a safety review, we received permission for our pluthermal plan from the Ministry of Economy Trade and Industry (METI) on September 7, 2005.

In order to obtain understanding from surrounding municipalities, we continued

■What is pluthermal?

Spent uranium fuel burned in a nuclear reactor contains plutonium that can be reused as nuclear fuel.

"Pluthermal" involves utilizing the plutonium extracted from spent fuels as MOX* fuel. MOX fuel is made of plutonium extracted from spent fuels and uranium, and is loaded into the current reactor.

The term "pluthermal" comes from plutonium and thermal reactor.

*MOX fuel is the fuel utilized in the pluthermal process. The term "MOX" comes from mixed oxide, since MOX fuel is made from uranium and plutonium as forms of mixed oxides.

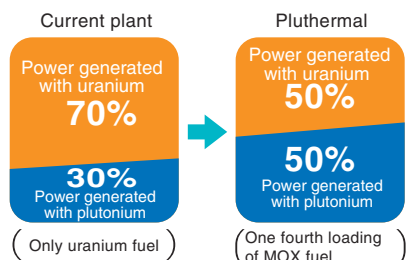
■The necessity of our pluthermal plan

Our pluthermal plan enables us to conserve uranium resources and reduce levels of radioactive waste because plutonium contained in spent fuel is recovered and reused.

In a view of nonproliferation, we intend to safely and steadily utilize the plutonium that has already been recovered from our plants' spent fuel.

■The safety of our pluthermal plan

- In nuclear power plants that use only uranium fuel, some plutonium transformed from uranium burns in the reactor. The amount of energy produced from the plutonium in current reactors is approximately 30%.
- In the case of pluthermal operation, the amount of energy produced from plutonium rises to 50%, since loaded MOX fuel contains plutonium. The government has confirmed the safety of pluthermal operations.



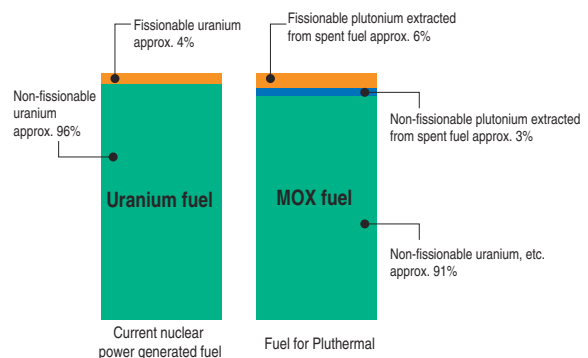
- Pluthermal operations have been conducted safely in France, Germany, Belgium and other parts of Europe since the 1960s.
- Problems attributable to the characteristics of MOX fuel have not been reported.
- Our pluthermal plan at Genkai-3 has been reviewed by the government and deemed safe.

to conduct activities to help local residents understand both the safety and the necessity of our pluthermal plan. On March 26, 2006, Saga prefecture and Genkai town gave us their consent.

We will proceed with procedures for mixed oxide fuel (MOX Fuel) fabrication and shipment, aiming to implement our pluthermal plan by FY2010.

And we will also comply with relevant laws in each stage and ensure measures for safety by doing appropriate quality assurance activities.

The safe operation of our nuclear power plants is our top priority, and we make every effort to disclose information. With the understanding and cooperation of neighborhood people, we are making steady advances in our pluthermal plan.



■Main activities to gain understanding for our pluthermal plan

- Visitations and information seminar activities
- Open discussions
- Seminars, lectures, events
- Newspaper ads
- Magazine ads
- TV and radio commercials, etc.



The pluthermal forum

History outline

- April 28, 2004 We established the policy for implementing the pluthermal plan at Genkai-3 to be by FY2010.
- May 28 Applications for prior consent were submitted to Saga Prefecture and Genkai town based on the safety agreement between the municipalities and Kyushu Electric Power. Based on the Nuclear Reactor Regulation Law, the application for permission for reactor modification was submitted to the government.
- February 10, 2005 METI consulted the Atomic Energy Commission and the Nuclear Safety Commission to obtain their permission for our pluthermal plan.
- February 20 A forum on our pluthermal plan was hosted by our company in Genkai town.
- August 29 The Nuclear Safety Commission submitted its report to METI.
- August 30 The Atomic Energy Commission submitted its report to METI.
- September 7 METI granted us permission to proceed with our pluthermal plan.
- October 2 A forum on pluthermal was hosted by the government in Genkai town.
- December 25 A forum on pluthermal was hosted by Saga prefecture in Karatsu city.
- February 7, 2006 Saga prefecture announced its views on the safety of our pluthermal plan at Genkai-3.
- March 26 Based on safety agreements, Saga prefecture and Genkai town gave us their consent for our pluthermal plan.