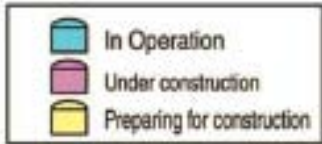
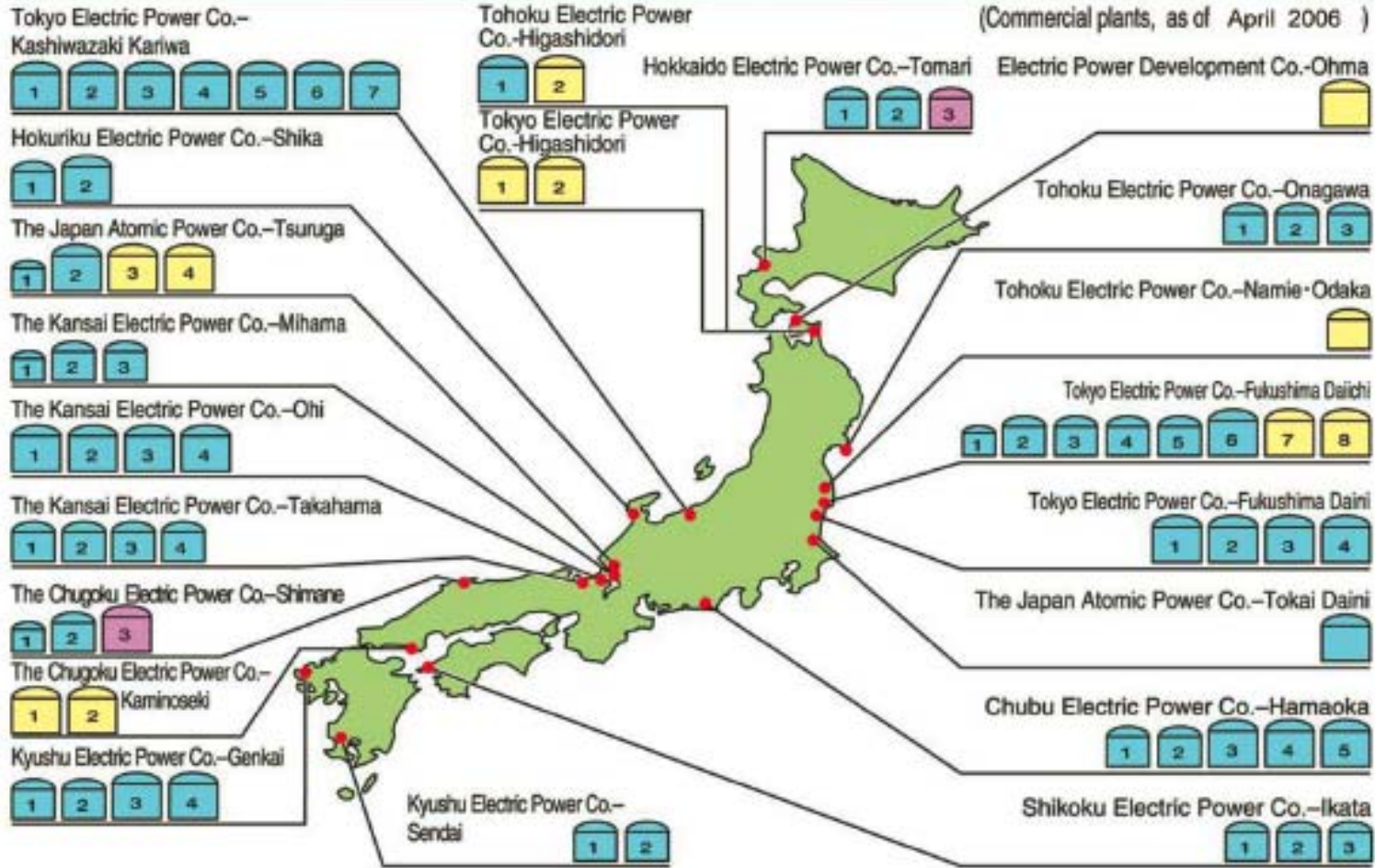


Nuclear Power Plants in Japan



	Number of Units	Total Output (MW)
In operation	55	49,580
Under construction	2	2,285
Preparing for construction	11	14,945
Total	68	66,810

Nuclear Energy Policy in Japan

【Background】

The Atomic Energy Commission has formulated plans for research, development, and utilization of nuclear science and engineering approximately every five years since 1956. The latest plan was made in November, 2005.

They said in the plan . . .

➤ Basic Objective

The goals of research, development and utilization of nuclear energy in Japan are to secure energy resources for the future, to promote academic progress and industrial advancement and thereby, to contribute to the welfare of society and the improvement of people's living standard, based on the premise of safety assurance, while strictly limiting the activities involved to peaceful purpose.

➤ Steady Promotion of Utilization of Nuclear Energy

- ✓ Maintaining or increasing the current level of nuclear power generation (30 to 40% of the total electricity generation) even after 2030
- ✓ To reprocess spent fuel and to effectively use the plutonium and uranium
- ✓ Strive for the commercial use of FBRs from around 2050
- ✓ Concerned parties review the safety measures and make efforts to ensure effective and efficient utilization under the strict safety control system

Nuclear Fuel Cycle Business

【Reprocessing】

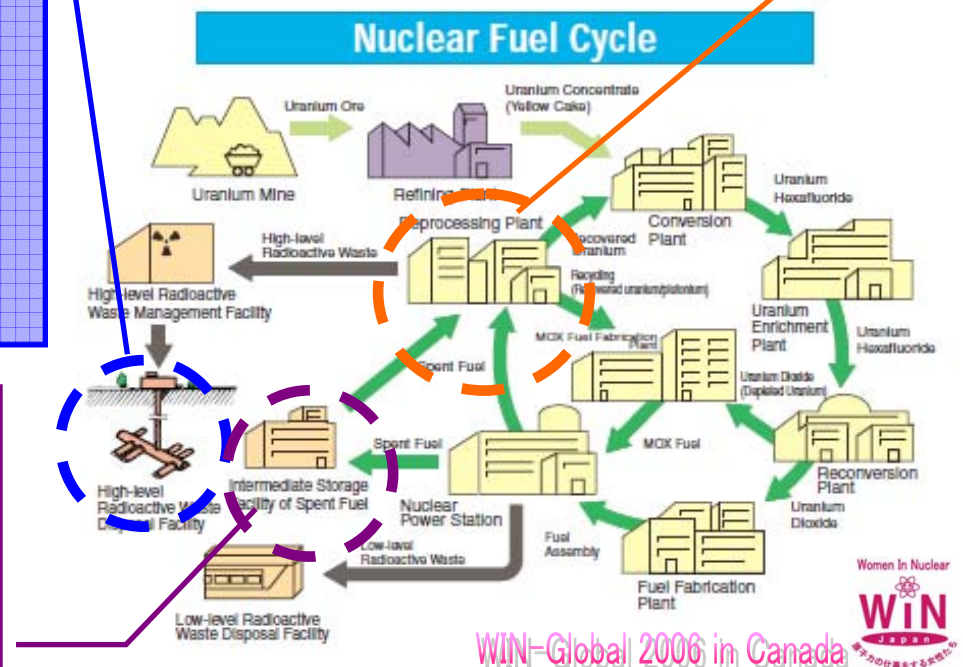
- ✓ Japan Nuclear Fuel Limited has constructed the Reprocessing Plant in Rokkasho, Aomori
- ✓ This plant will operate fully by fiscal 2007
- ✓ Under active testing from March 31, 2006 (The progress rate is 1%, at the end of March,2006)

【Disposal of HLW】

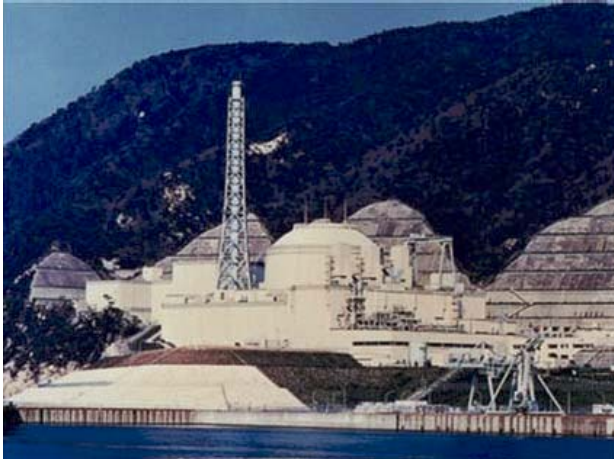
- ✓ The Nuclear Waste Management Organization of Japan (NUMO) was created in October 2002.
- ✓ NUMO started 'Open Solicitation,' which induced all municipalities to consider the acceptance of investigating the suitability.

【Intermediate Storage】

- ✓ Recyclable-Fuel Storage Company was created in November 2005.
- ✓ They are investing details about the site.



FBR “MONJU”



【Spec】

The capacity : 280MWe

Coolant : Na

Fuel : MOX

【History】

1994.4 The first critical

1995.12 Sodium leak accident

2005.9 Start of the modification work

(The progress rate of the work is 63.3% as of the end of April,2006)

2008.1 critical again (in a plan)

【Work of FBR Research and Development Center】

➤ Research and development

- ✓ Establishment of confidence in operation as a FBR power plant
- ✓ Substantiation of developed technique for practical use
- ✓ Steady operation of the modification work and the confirmation examination

➤ Promotion of international partnership

- ✓ The Generation 4 international Forum (GIF)
- ✓ The project of irradiation to nuclear fuel with US and France
- ✓ Use of MONJU with HTR WG of IAEA

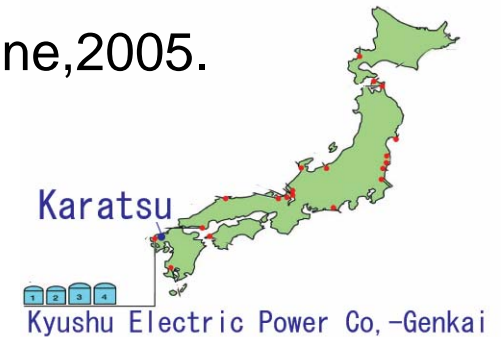
About WIN-Japan

- Established in April, 2000
- Members (at the point of April 15, 2006)
 - ✓ Regular members : 126 women
 - ✓ Associate members : 7 women
 - ✓ Supporting members : 80 men + 2 organizations
- Our Goals are...
 - ✓ To contribute for activities to promote understanding for nuclear energy as a promoter of peaceful use of nuclear energy
 - ✓ To promote an international community and understanding as a member of WIN-Global
 - ✓ To enhance stature of members through these activities

Report for — Women Meeting in KARATSU

We held a meeting with local women in KARATSU on June, 2005.
(KARATSU is located near Genkai NPP)

This meeting was the second following the one held on November, 2004.



➤ Contents

- ✓ A lecture about radiation (Speaker : Ms Chitose)
- ✓ Table dialogue

WIN-J members talked with local women about real intention and question for nuclear energy and radiation.

➤ Results

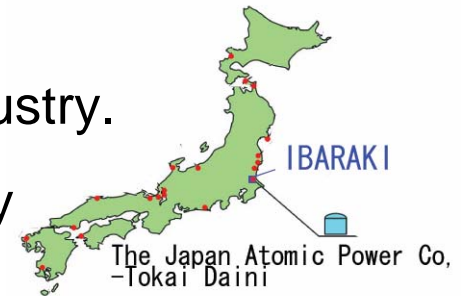
Participants had a perception that they had to know nuclear energy and radiation more.
(They said in a questionnaire after the meeting.)



Report for — Activity of WIN-J-IBARAKI

IBARAKI is “unique area” in Japan where there are many companies and public institutions engaging in nuclear industry.

IBARAKI chapter of WIN-J goes on with an original activity periodically, they held meetings with local women on June and November, 2005.



➤ Meeting Theme

- ✓ June : A lecture by the town officer who dealt with JCO accident
- ✓ November : Interactive communication with local women and women in KANSAI area.

➤ Results

- ✓ Participants from local were 23 women in June and 9 women in November.
- ✓ Community with local women “Heart to heart” came to make root through 7 times of meeting.



Report for — Global 2005

We hosted the evening event in the international conference “Global 2005”, held in TSUKUBA, on October 11, 2005.

➤ Theme

WIN the Public Confidence

-Bridge between the Nuclear Specialists and the Citizen-

➤ Panelist

✓ Dr. Junko Matsubara

The former Vice Chairperson Nuclear Safety
Commission Office of Prime Minister

✓ Dr. Sue Ion

Director of Technology British Nuclear Fuel plc
President of British Nuclear Energy Society

✓ Dr. Susan E. Picket

Global Threat Reduction Program Office,
Los Alamos National Laboratory

➤ Results

✓ There were 65 audience and 20 member of
WIN-J, and we got some supporting members.

WIN Night Session by WIN—Japan
WIN the Public Confidence
~Bridge between the Nuclear Specialists and the Citizen~

Program	
18:30~18:45	Greeting, WIN Activities
18:45~20:00	Panel Discussion
20:00~21:00	Wine&Cocktail Party

Admission Free

Panelist

 Dr. Junko Matsubara The former Vice Chairperson Nuclear Safety Commission Office of Prime Minister	 Dr. Sue Ion Director of Technology British Nuclear Fuel plc President of British Nuclear Energy Society	 Dr. Susan E. Picket Global Threat Reduction Program Office Los Alamos National Laboratory
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Coordinator

 Dr. Kaoru Kikuyama Leader, International Cooperation Japan Atomic Industrial Forum, Inc.
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Topic

Dr. Matsubara: My experience of promoting dialogue with the public as a nuclear safety commissioner in Japan.
Dr. Ion: The importance of communication between nuclear engineers and local communities.
Dr. Picket: Researchers of nuclear engineering should dialogue with citizen more frequently, or not?

Night Session Oct. 11 (Tue) 18:30~
Convention Hall (2F-200)

Report for — Astronomical observation-1

We had astronomical observation for the mothers and children as the 5'th anniversary event of WIN-J.

➤ Date

January 28-29, 2006

➤ Participants

- ✓ 25 pairs of young mothers and their children
- ✓ 8 members of WIN-J (Project members were 14)

➤ Program

28'th PM

☆ Table dialogue with mothers and WIN-J members about nuclear energy and so on

☆ Making of a astronomical telescope for children

night

☆ Astronomical observation

29'th AM

☆ Visiting the Tokai Terra Park *

* : Tokai Terra Park is the visitor center of Tokai No.2 PPS of Japan Atomic Power Company Co.,



Report for — Astronomical observation-2

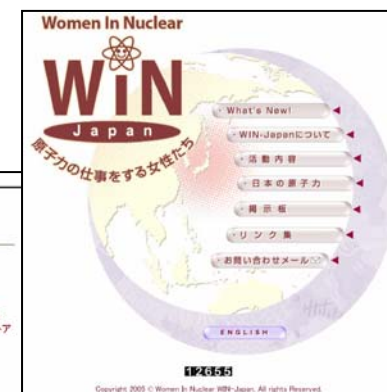
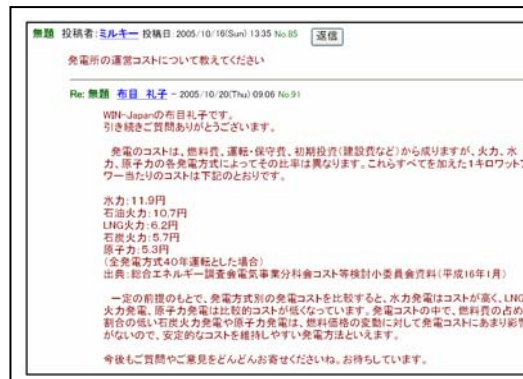
➤ Results

- Most participants said interest in nuclear energy and energy problem improved through this event.
- We could catch a breakthrough for children and young women in non-site area.



FY2006 Plan for —WIN-J Website

- We had reformed our website as the 5'th anniversary of WIN-J, and have answered to the question from the public using the web-board (free-access) .
- Communication between WIN-J members became convenient using the web-board (for only members).
- We will also improve the English version in FY2006.
- <http://www.win-japan.org/index.htm>



FY2006 Plan for – Important Target

Younger generation is the most important target.

We could approach younger mothers and their children in FY2005, so we'll try to approach a new target.

- Students and YGN (Young Generation Network)
 - ✓ We are going to have a joint organized session with student group and YGN at the 2006 annual meeting of the Atomic Energy Society of Japan.
 - ✓ Women majoring nuclear engineering and so on at an university are also promising members for us for the future.

FY2006 Plan for — Open a new area

We had a few or several times women meeting in the same area, because we think it's difficult to keep "Heart to Heart" community on the first meeting.

On the other hand, we would like to open a new area to expand the target on our activity.

【Candidate area】

➤ Aomori Pref.

Aomori has Rokkasyo Reprocessing Plant, Intermediate Storage Facility, Higashidori PPS and other facilities.

➤ Fukushima Pref.

Fukushima has 2 PPS of Tokyo Electric Power Co.,.

FY2006 Plan for – Technical Tour

We are planning to visit J-PARC for progress in stature of members.

Research Promotion Bureau, Ministry of Education, Culture, Sports, Science and Technology hope WIN-J is suitable for the bridge between J-PARC and the public.

【J-PARC : Japan Proton Accelerator Research Complex】

This High Intensity Proton Accelerator Facility aims to pursue frontier science in particle physics, nuclear physics, materials science, life science and nuclear technology, using a new proton accelerator complex at the highest beam power in the world.

