Call for Your Cooperation: Opinion Ad Campaign to Demand Abandonment of Nuclear Energy Policies

We demand the halt of FBR Monju*, reprocessing facilities and nuclear power plants.



Since the huge earthquake hit Japan on March 11th 2011, the archipelago has entered **the period of high-level seismic activity**. Another series of big earthquakes attacked Kyushu in April this year. Moreover, several seismologists warns that the day of Nankai Megathrust Earthquakes is getting closer. In this country of earthquakes and volcanoes, no one knows if we could prevent another "earthquake-nuclear complex disaster" from occurring again. Above all, if any severe accidents hit FBR Monju or reprocessing facilities, the consequential disaster will not only ruin Japan as a whole but also bring world-wide catastrophe.

More than 12 trillion yen (110 billion USD) spent to the nuclear fuel cycle policies has all gone down the drain due to the continuous troubles, accidents and scandals. It has become clear that the nuclear wastes are wastes, and not "resources" for energy.

We ask, therefore, everyone to help us end Monju, reprocessing and other nuclear power plants so that we can prevent another disaster from occurring.

Stop restarts and go for Nuke Power Free Japan!

We have had enough, surplus energy without operating nuclear power plants. Population is getting smaller, and larger number of people has taken advantage of energy-savings and renewable energies. There are no needs what so ever to restart nuclear power plants. Rather, the amount of damage caused by a severe accident is estimated to be no less than 50 trillion yen (458.5 billion USD): above all, it oppresses and threatens the life of people. Let us get together to stop such catastrophe.

Now, we are making efforts to **put a full-page opinion advertisement on Mainichi Shinbun (nation-wide newspaper) in autumn this year**. We hope you would cooperate with us in this endeavor!

* To learn more about Fast Breeder Reactor (FBR) Monju, see the explanation on the next page.

How to cooperate?

- 1. Please help disseminate this campaign: e.g. by putting this flyer up at Facebook or Twitter.
- 2. Please contribute whatever amount to us (putting opinion ad on big newspapers costs a lot!):

Account [Japan Post Bank account]

Name of account holder: 意見広告市民の会 (Iken Koukoku Shimin no Kai)

Code number	Check digit	Account number	
00930	5	3548	

For the detailed explanation on remittance to Japan post Bank account from overseas, see the next page.

Organized by **Iken Koukoku Shimin no Kai** (Citizens' Group for Opinion Advertisement) Secretariat Office: **Stop the Monju**

> 1-5 Kawahara-cho, Hirakata-shi, Osaka, 573-0028, JAPAN Tel: +81-72-843-1904 / Fax: +81-72-843-6807 Email: <u>stopthemonju@sannet.ne.jp</u> Twitter account: @stopthemonju

Outline of Opinion Ad Campaign

- 1. A full-page Ad is to appear in autumn on Mainichi Shinbun (nation-wide newspaper).
- 2. Contents: demand for the end of FBR Monju and reprocessing plants, and for giving up restarts of nuclear power plants
- 3. The cost necessary for putting ad: 6,400,000 yen (58,700 USD)
- 4. Names of individuals and groups who contributed to this campaign will bee printed on the ad. Please let us know in advance if you do not want your name appear on the ad.

What is Fast Breeder Reactor (FBR) Monju?

FBR Monju (located in Fukui Prefecture) differs from a normal, light-water reactor in many respects: it uses MOX fuel (consisting of plutonium and uranium), and is cooled by liquid sodium. If attacked by a severe accident, the plutonium will cause much severe damage to public health than the case of Fukushima Daiichi accident.

FBR is so called because it "breeds" larger amount of plutonium than it consumes. When FBRs are used in "breeder" mode, plutonium is produced in a blanket of depleted uranium around the core. The plutonium produced in the blanket has a concentration of 98% plutonium-239, the most convenient plutonium isotope for nuclear weapons production. Therefore, it is all too natural to regard Japan (with this facility) as a potentially "nuclear weapon state".

Structurally, it has a stronger tendency to bring about nuclear runaway than the normal reactors. Sodium, when it touches air, burns fiercely, and when touches water, explodes. In Monju, a huge amount of heated sodium runs through pipes side-by-side water: with one wrong move, this situation can cause the severe sodium-water reaction and explosive fire. In fact, Monju experienced sodium-leak and fire accident in 1995.

Moreover, the range/speed of change in temperature of coolant sodium is enormous and drastic: such change gives a big thermal-transient stress to the material of pipes through which sodium runs (Imagine when you put a really heated glass into iced water: by the sudden change in temperature, it cracks or breaks away). This requires thin-walled piping to minimize the stresses, which, however, means the vulnerability to physical trembles. That is, Monju is destined to be very vulnerable to earthquake.

Remittance from overseas banks

Remittances in either USD or EUR can be made from overseas banks, via a designated intermediary bank. The information shown right is required to make a remittance from an overseas bank to a Japan Post Bank integrated account or giro account. Please note that if there are any mistakes or omissions, the remittance may not reach our bank. In addition, if the money remitted is returned to the sending bank, other charges and expenses may be deducted by the intermediary bank. Please note that remittances to Japan cannot be made from certain financial institutions. For details, please ask your local bank.

For more information, please visit Japan Post Bank website: <u>http://www.jp-bank.japanpost.jp/en</u> /djp/en_djp_index.html

Currency	USD EUR			
Intermediary Bank	Deutsche Bank Trus Americas NY	Deutsche Bank AG Frankfurt		
Intermediary Bank BIC(SWIFT Code)	BKTRUS33		DEUTDEFF	
Beneficiary Bank	Japan Post Bank			
Branch	Head Office			
Beneficiary Bank Address	3-2, Kasumigaseki 1-chome, Chiyoda-Ku, Tokyo 100-8798, Japan JPPSJPJ1			
Beneficiary Bank BIC (SWIFT Code)				
Beneficiary Bank CHIPS UID	427593		_	
Payee Account Number : To giro account	Code number	Check digit	Account number	
	00930	5	3548	
Name of Payee Account Holder	意見広告市民の会(Iken Koukoku Shimin no Kai)			
Payee Address	1-5 Kawahara-cho, Hirakata-shi, Osaka, 573-0028, JAPAN			
Payee Telephone Number	+81-72-843-1904			