

# Condition of Japanese Electrical Machinery Industry Observed in Statistical Data



## Trend of Nuclear Power Industry of Japan

### ●Nuclear power generation plants

The order volume and sales in the nuclear power generation facility in our country changed stably roughly by requesting a vigorous power demand and the energy security securing in around fiscal year 2001. However, a severe public opinion etc. of becoming duller and nuclear power generation of the power demand influenced and continued to the location planning of the power plant in several years after that the situation in which power sales, receiving an order, and before was not seen.

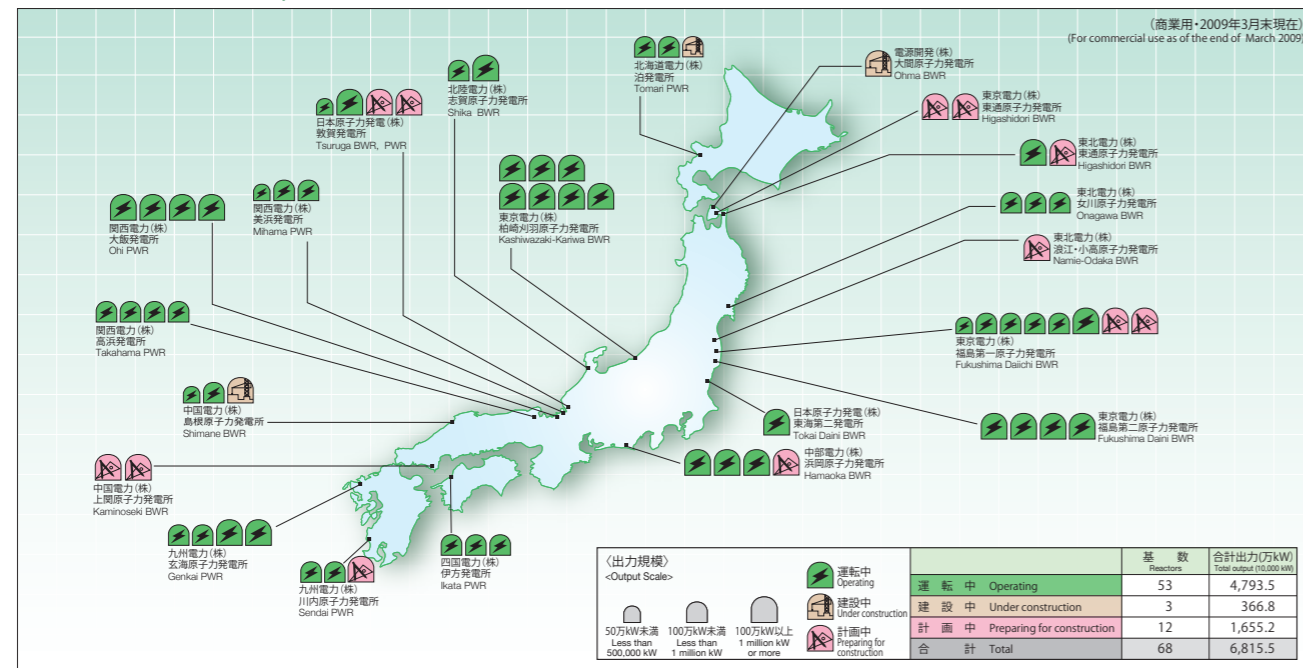
The globalization of the nuclear power manufacturer in the backup of the policy on nuclear energy of the government and Japan succeeds with the necessity of the energy security securing of our country by the supply and demand stringency of the resource according to the rise of the global warming prevention and the economic growth of the rising nation after fiscal year 2007, and it is in the recovery trend the order. However, because long-term "Time lag" is generated from the order to completion, the recovery of sales is expected to be going to take years of several another as for the nuclear power generation facility.

### ●Accelerator systems

The use of the processing by the irradiation in the diagnosis in the realm of healing, the radiation therapy, and the manufacturing field and sterilization, etc. shows the accelerator the extension every year, and the market of the inside and the compact accelerator is expanding especially.

There is single-mindedly an amount of money of the order of the accelerator about the expansion after fiscal year 2005 that began to tally statistics. Now, it is expected that it becomes a market that is more promising as the extension of a medical treatment and an industrial accelerator can be expected in a mid/long term though replacing of the upgrade and the repair maintenance and a part of components of the accelerator for the research of existing is centers.

### Nuclear Power Plants in Japan

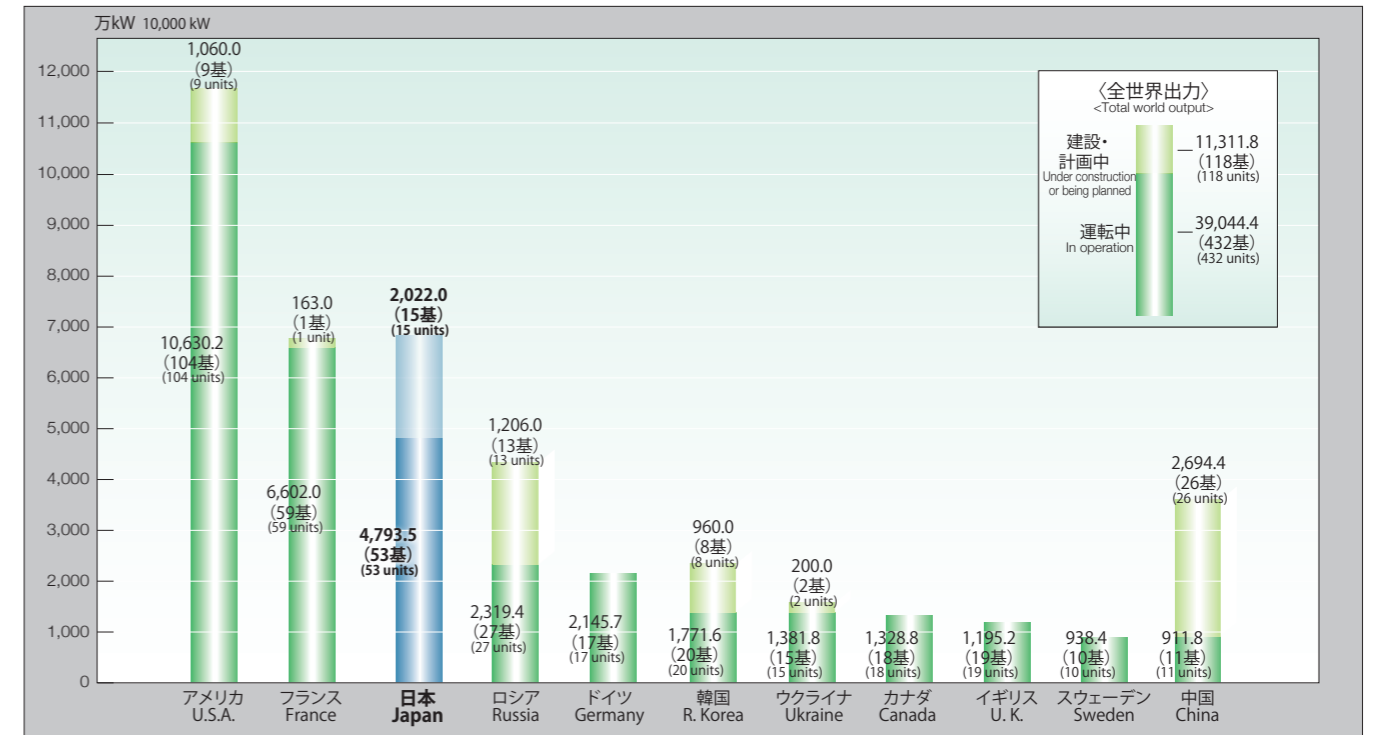


出典：(財)日本原子力文化振興財団「原子力・エネルギー図面集2009」を一部加工 Source: Japan Atomic Energy Relations Organization.



## Generating Capacity of Nuclear Power Plants

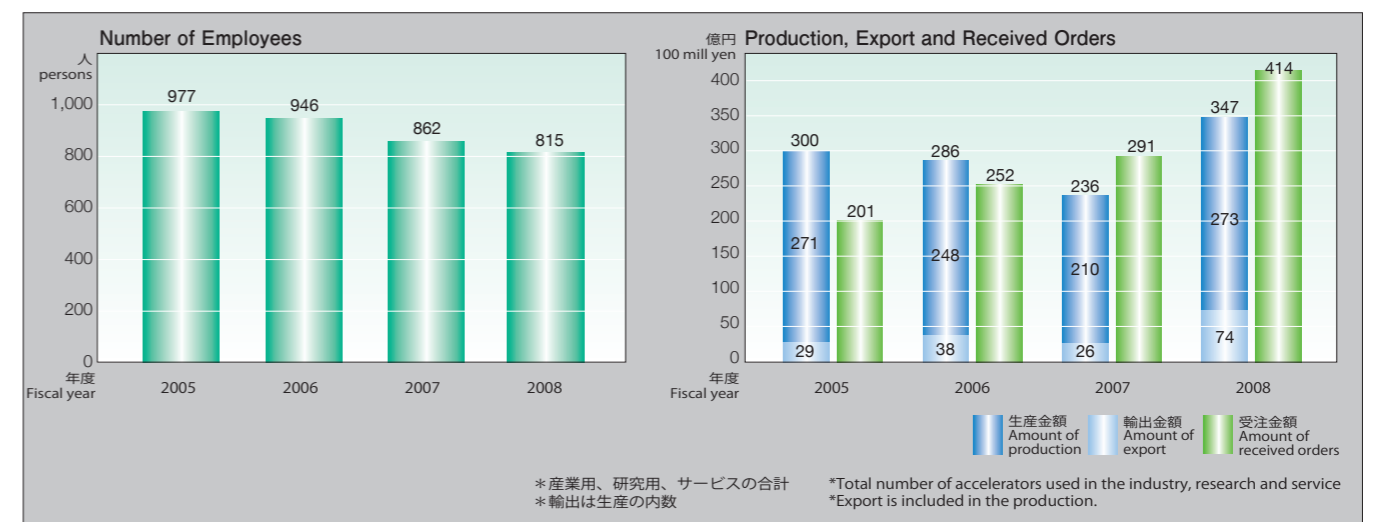
(2009年1月1日現在) (As of January 1, 2009)



\*日本は商業用・2009年3月末現在  
出典：(社)日本原子力産業協会「世界の原子力発電開発の動向 2009年版」を一部加工  
\*Japan's nuclear plants are for commercial use as of the end of March 2009  
Source: Japan Atomic Industrial Forum



## Accelerator-Related Statistics



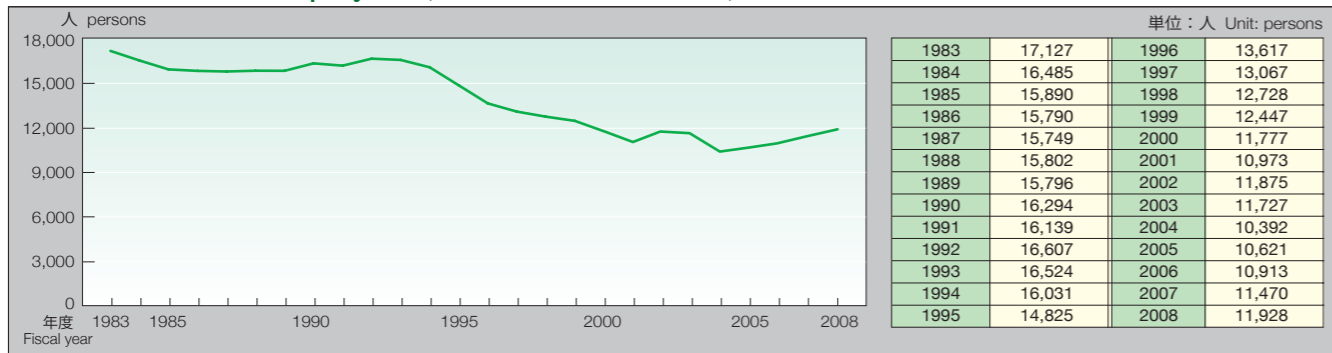
\*産業用、研究用、サービスの合計 \*輸出は生産の内数 \*Total number of accelerators used in the industry, research and service \*Export is included in the production.

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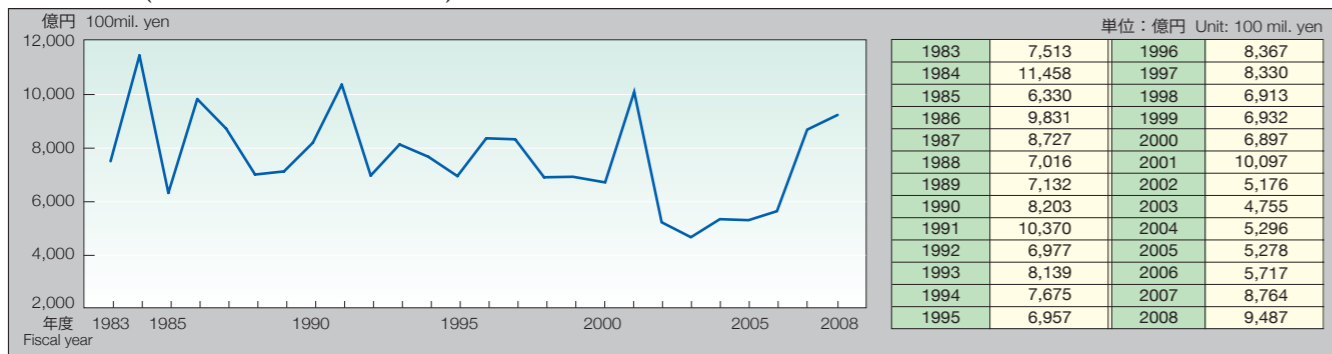


## Nuclear-Power-Related Statistics

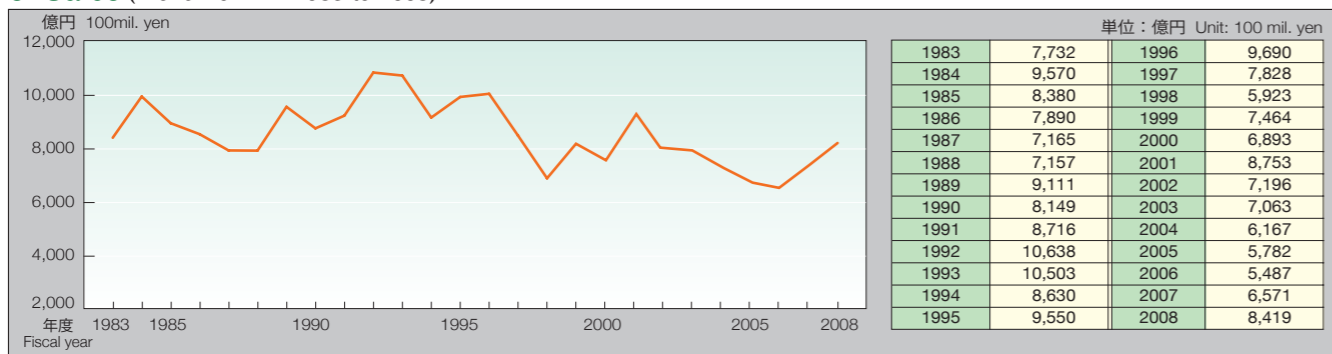
### 1. The Number of Employees (Trend from FY 1983 to 2008)



### 2. Orders (Trend from FY 1983 to 2008)



### 3. Sales (Trend from FY 1983 to 2008)



### 4. Production Equipment Investment (Trend from FY 1983 to 2008)

