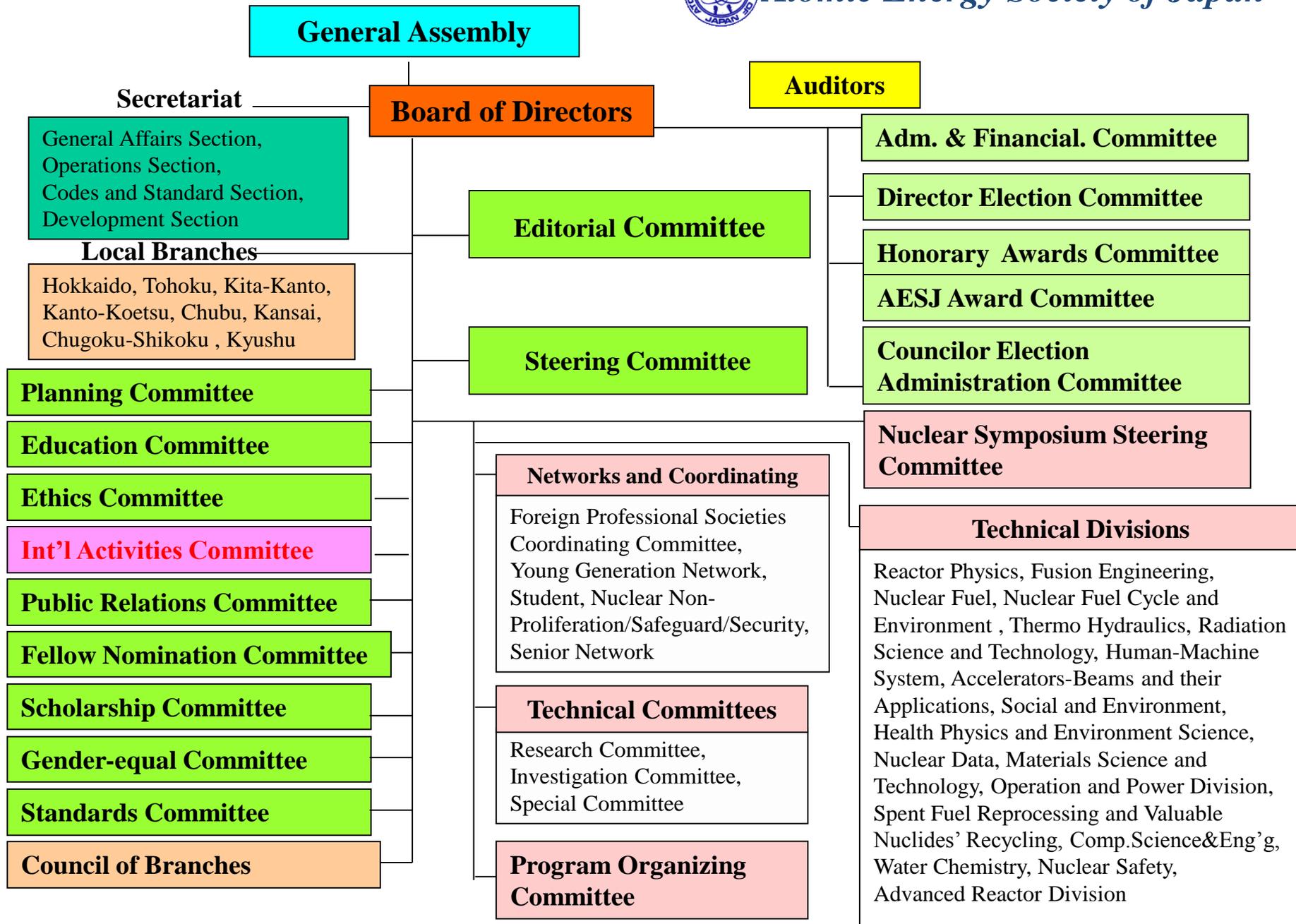


Activities of the Atomic Energy Society of Japan

09 Sep, 2015

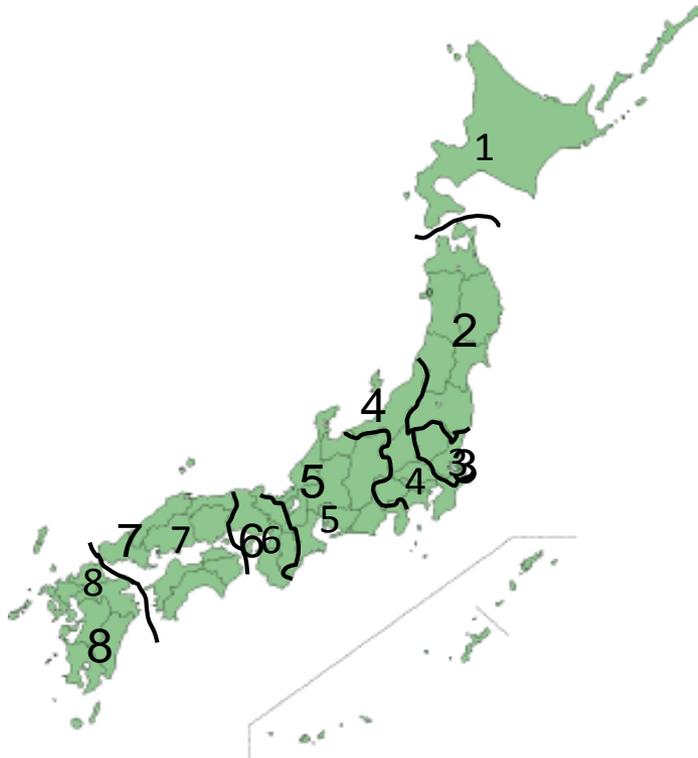
Atomic Energy Society of Japan (AESJ)
Board Member, Director of International Affairs
Satoshi Konishi (Kyoto University)

For internal use only. Please do not give any copy or distribute outside of the participants of the meeting. For referring or citing, please contact S-konishi@iae.Kyoto-u.ac.jp.



Members of Local Branches

(March. 2013)



No.	Branch Name	Members
1	Hokkaido	166
2	Tohoku	456
3	Kita-Kanto	2072
4	Kanto-Koetsu	3004
5	Chubu	442
6	Kansai	1209
7	Chugoku-Shikoku	185
8	Kyushu	268
	Total	7802

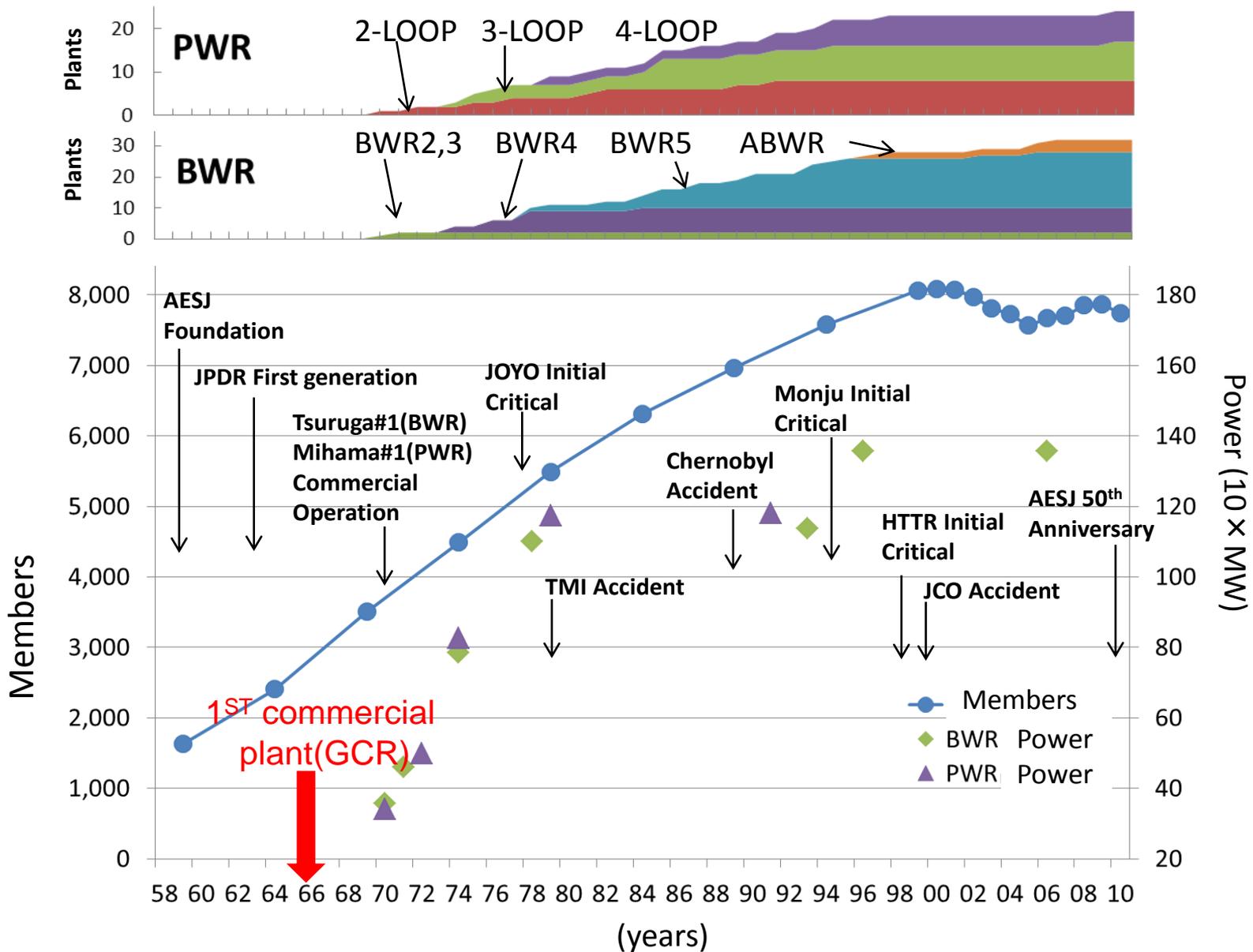
Covers broad aspects of nuclear energy and science

No.	Technical Division	Members
1	Reactor Physics	433
2	Fusion Engineering	380
3	Nuclear Fuel	438
4	Nuclear Fuel Cycle and Environment	706
5	Human-Machine System	120
6	Thermo Hydraulics	421
7	Radiation Science and Technology	303
8	Accelerators-Beams and their Applications	211
9	Social and Environment	277
10	Health Physics and Environmental Science	264
11	Nuclear Data	210
12	Material Science and Technology	289
13	Operation and Power	526
14	Spent Fuel Processing and Valuable Nuclide's Recycling	433
15	Computational Science and Engineering	263
16	Water Chemistry	229
17	Nuclear Safety	526
18	Advanced Reactor	300
	total	6,329

Members of Technical Divisions / Networks and Coordinating Committee
 (March 2014)

	Network and coordination committee	Number of Members
1	Foreign Professional Societies Coordinating Committee	186
2	Student Network	536
3	Nuclear Non-Proliferation/ Safeguard/Security Coordinating Commi	75
4	Senior Network	198
5	young Generation Network	933
	Total	1,928

History of AESJ and Industry in Japan



Main Activities of AESJ (1/2)

1. Progress in Academic and Technology

Publish and Distribute Academic Journals to our Members and to Nuclear Energy Related Associations

Journal of Nuclear Science and Technology (in English), Transactions of the Atomic Energy Society of Japan(in Japanese), and Journal of the Atomic Energy Society of Japan (in Japanese) are published in both paper and online. Online Journals are open to the public from website.

Technical Divisions

18 technical divisions, such as “Reactor Physics”, “Fusion Engineering”, so forth promote studies, spread information by distributing the newsletters, as well as by holding discussions on specific fields.

Technical Committees

Gather and exchange information, research and investigate on specific themes such as “Nuclear Codes” and “Nuclear Power Plant Earthquake Safety”.

Main Activities of AESJ (2/2)

2. Human Resource Management, Education Programs, Awards Nomination

Contributing to Government Education Program Committee, Research on Nuclear Energy Education Programs in Universities, Produce Text Books for Undergraduates, Encourage members by the AESJ Awards such as Atomic Energy Historic Awards.

3. Dispatch Information towards Public

Position Statement, Press-Release, Information Exchanging Meeting with Mass Media, Team 110.

4. Nuclear Codes and Standards

To state and produce the codes and standards related to nuclear energy, and wide spread those codes and standards to the public. To organize the lectures and courses. Effort to be endorsed by the government.

5. International Activities

We cooperate and support international conferences.

International Collaboration of AESJ



France	1996	SFEN
Canada	1998	CNS
USA	1999	ANS
Korea	1999	KNS
Hungary	2999	HNS
Czech	2001	CNS
China(PRC)	2004	CNS
Australia	2004	ANA Inc
UK	2005	NI
Vietnam	2011	VNS
Kazakhstan	2012	
India	2013	INS
Russia		

AESJ Investigation Committee on the Nuclear Accident at the Fukushima Dai-ichi NPS (started in JFY2012)

- Reinforcement of activity of “the Technical analysis sectional committee” of the Nuclear safety investigation committee of AESJ.
- The experts from 18 Divisions, 12 advisory committees and 5 liaison meetings (networks) of AESJ are working on the accident analysis, evaluation and recommendation.
- Accident investigation was completed; the report was published.
- Some recommendations were made to government, Japanese society and **Nuclear Engineers and Researchers (ourselves)**.

AESJ expects to promote the collaboration with UK in various fields

- Collaborative projects are funded by both governments and funding agencies.
- **Decommissioning of Fukushima Daiich pp** is strongly supported.
- **Human resource** development is emphasized.
- Supporting **Industries** in both countries have some joint business activities.
- **Universities** are exchanging students, researchers and professors in various academic areas.
- Researchers in both countries identify many topics in **basic nuclear science** including particle accelerator, fusion, advanced reactor technology, fuel cycle, backend, etc..
- AESJ expects to promote **joint sessions** and exchanges.

AESJ emphasizes and actively promotes

- Fukushima D&D
- Safety
- Alliance to address role of Nuclear Energy for Climate Change problem. (**Nuclear 4 Climate**)
- Restarting, Utilization and renewal of **research reactors**
- International collaboration and human resource development.
- Public relation and communication
- Energy policy and strategy study

4th UK Nuclear Academics Discussion Meeting
University of Sheffield
8th and 9th September 2015



Tokai Daiichi Nuclear Power Station.

The first commercial power plant in Japan. (1966)

Magnox reactor developed by UK.

Now, First commercial reactor being decommissioned.

We have started our nuclear power with UK, and continue for the future.

Thank you for your attention.