JANSI On-Line

The US-Japan CNO Leadership meeting-Picture at the Excellence stone

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JANSI Topics

US-Japan CNO Leadership meeting

INPO and JANSI held the US-Japan CNO leadership meeting on August 18-21 at Plant Vogtle, Southern Nuclear Company and the Office of INPO, Georgia, The United States. Ten CNOs from Japan and the United States and leaders of INPO and JANSI participated in the meeting and exchanged information and opinions to achieve and maintain high plant performance. They also developed deep personal relationships.
Plant Vogtle has 4 units of 1200 MWh class reactors. Unit 3 and Unit 4 (both AP 1000) that started operation in 2023 and 2024 respectively are the newest units built for the first time in about 30 years in the United States.
JANSI and INPO are planning to hold the next meeting in Tokyo around October 2026.

JANSI promotes cooperation with INPO, WANO and other foreign/international organizations on operational and technical issues to achieve the highest level of nuclear safety.

Other news of international activities are here.

Site visit to Plant Vogtle and the meeting

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JANSI Topics

Guidelines for inspection and assessment of reactor core internals

Checking and maintaining soundness of internals of reactor pressure vessels is essential to secure safe and reliable operation of nuclear power stations.

Guidelines for inspection and assessment of reactor core internals **are recommendation of procedure for inspection, assessment and repairing of internal structures that could be damaged.**

Three revised guidelines for *control rod drive mechanism (CRD) housing, in-core nuclear instrumentation (ICM) housing* and *class-1 vessel nozzle stub joint parts of different material* were uploaded here (Japanese language only) on JANSI website on July 14.

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JANSI Topics

Site visits to Fukushima Daiichi and meeting on the accident

JANSI organized site visits to Fukushima Daiichi Nuclear Power Station and the meetings on the accident for chief nuclear reactor engineers of Japanese nuclear operators on September 11 and plant managers on September 17 for continuous learning from the Fukushima accident. Ten chief nuclear engineers from 9 utilities and 20 plant managers and deputies from 12 utilities participated.

The participants renewed their recognition and determination reflecting their own positions for the future, actually viewing how much devastating damages the general public have suffered and how much enormous restoration efforts have been required.

Discussions at the meetings were very active and topics covered not only the Fukushima accident but the challenges they have such as improvement of work environment and further inspiring motivation of plant staff.

Provided by Tokyo Electric Power Holdings companies

Site visit

Discussion

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JANSI Topics

The 18th Safety Culture Workshop (Follow-up session)

JANSI held a safety culture workshop follow-up session on August 18 (Mon) and 19 (Tue). All participants already attended the basic course of the workshop on May 19 (Mon) and 20 (Tue).

At the follow-up session, the participants analyzed achievement status of action plans of members, evaluations of the achievement by colleagues and subordinates. They shared experience of setting targets and leadership improvement at the workplace as well as fostering safety culture.

Finally, they renewed their action plan and determined to achieve the plan.

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Status of Main Nuclear Facilities in Japan

Topics (as of the end of September 2025)

- July 22, Kansai Electric announced it will resume a voluntary on-site survey to evaluate the possibility of constructing the successor plant of Mihama Nuclear Power Station, with fully explaining the plan to the residents and getting understanding. The survey has been stopped since March 12, 2011. The governor of Fukui prefecture, where Mihama Station is located, said a substantial explanation needs to be provided to the residents. The chairman of the Nuclear Regulation Authority made a comment that careful geological ground survey should be made based on past safety review experience.
- July 25, Kansai Electric announced it will transport uranium-plutonium mixed oxide fuel for Takahama Unit 3 and 4 from France within this fiscal year.
- July 30, Hokkaido Electric announced the application for alteration in the installment license of Tomari Unit 3 was approved by the Nuclear Regulation Authority.
- August 5, The mayor of Mihama Town informed Kansai Electric that Mihama Town accepts restart of the survey for a new reactor at Mihama Station, because many residents and organizations expressed favorable opinions. The governor of Fukui Prefecture made a comment that this is not a stage to express his opinion yet and he will handle this matter properly.
- August 21, Japan Atomic Power Company announced it planned an additional survey for the restart of Tsuruga Unit 2. The previous application was rejected in November 2024.
- August 27, the Fukuoka High Court rejected the suit from residents in Kagoshima Prefecture to request the government to cancel the license of Sendai Unit 1 and 2. The plaintiffs expressed on September 10 they will not appeal to the Supreme Court and the judgment became final.
- August 28, Tokyo Electric announced the nuclear fuel loaded into Kashiwazaki-Kariwa Unit 7 will be removed from the reactor core, because the early restart of Unit 7 is not expected due to delay the construction of anti-terrorism special security facility and completion by October 13, limit of the glace period, became impossible.

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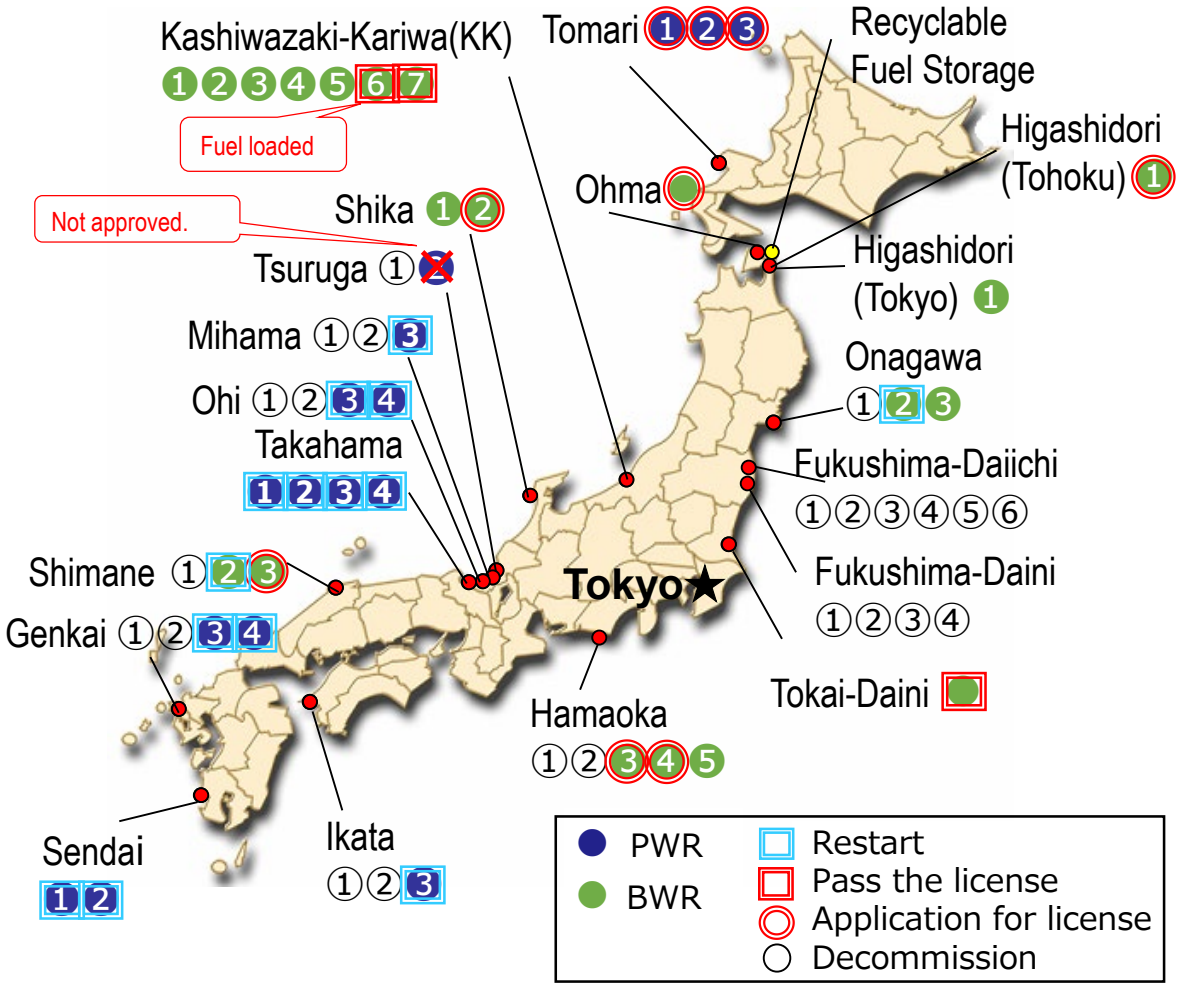
Nuclear Power Stations in Japan

- Before Fukushima Daiichi accident, 54 plants operated, 3 plants constructed and 2 plants decommissioned by 11 operators.
- 27 plants (16 PWRs and 11 BWRs) applied for the installation license to meet the new regulatory requirement. Decommissioning plants increased to 23.
- 17 Plants（12PWRs and 5BWRs）passed the NRA review, only12 PWRs and 2 BWR restarted. 1 plant was not approved.



Status of review of installation license	PWR (●)	BWR (●)	Total
Restart(□)	12	2	14
Pass (□)	1	3	4
Not approved (×)	1	0	1
Under NRA Review (◎)	2	6	8
Others (Preparation etc)	0	9	9
Total	16	20	36

3 plants under construction are included.

Number of Decommission	PWR	BWR	Total
Decommission (○)	8	15	23

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