

Summary of the 16th Chief Nuclear Officer Conference

1. Date and Time: May 11, 2023 (Thu.) 15:00 ~ 17:00
2. Location: Board Room of the Otemachi Headquarters, Central Research Institute of Electric Power Industry (CRIEPI), and Webex
3. Attendees:
 - Chair: Apostolakis (NRRC)
 - Members: Furukawa (Hokkaido EPCO, substitute for Funane), Kanazawa (Tohoku EPCO), Fukuda (TEPCO HD), Shiina (Chubu EPCO, substitute for Ihara), Fukumura (Hokuriku EPCO), Matsumura (Kansai EPCO), Kitano (Chugoku EPCO), Watanabe (Shikoku EPCO, substitute for Yamada), Hayashida (Kyushu EPCO, substitute for Toyoshima), Kenda (JAPC), Matsuda (JNFL), Sudo(J-Power, substitute for Hagiwara), Asaoka (NRRC)
 - Observers: Nakaguma (FEPC), Ono (JANSI), Uozumi & Tomioka (ATENA), Meserve (NRRC)
 - Facilitator: Furuta (NRRC)
 - NRRC Management: Yoshida, Yoneda, Iwashima, Sakuramoto, Nishi, Matsuyama

4. Agenda and Proceedings:

(1) R&D Research Results for FY2022

The NRRC presented the overview of research results for FY2022.

(2) Activities of NRRC

The NRRC Risk Information Utilization Promotion Team reported on the implementation status and plans for the next fiscal year of PRA education activities.

(3) Discussions

How to promote risk-informed activities in both the industry and the regulation in Japan was discussed.

Main comments from committee members:

- We (the industry) need to demonstrate the technical adequacy of the Japanese PRA including failure rate numbers to the Nuclear Regulatory Authority.
- The essential way to introduce risk-informed regulation in Japan is for the industry to build a relationship of trust with the NRA.

Main remarks from Director:

- If the industry could use PRA to propose even one safety improvement measure for any problem that the NRA was not aware of, the regulators would change their minds in favor of risk-informed regulation.
- To start with, the industry needs to have the NRA get a mindset that safety can be improved by utilizing PRA.