

## Summary of 12th Chief Nuclear Officer Conference

1. Date: May 29, 2019 (Wed.) 15:30 ~ 17:30
2. Place: Otemachi Headquarter, Central Research Institute of Electric Power Industry (CRIEPI)
3. Participants:
  - Chair: Apostolakis (NRRC)
  - Members: Sakai (Hokkaido EPCO), Sasaki (Tohoku EPCO; substitute for Masuko), Makino (TEPCO HD), Ihara (Chubu EPCO; substitute for Kurata), Fukumura (Hokuriku EPCO; substitute for Ishiguro), Yoshihara (Kansai EPCO; substitute for Morinaka), Iwasaki (Chugoku EPCO), Tamagawa (Shikoku EPCO), Toyoshima (Kyushu EPCO), Ichimura (JAPC), Takei (JNFL), Urashima (J-Power), Yokoo (NRRC)
  - Observer: Atsumi (FEPC), Nakano (JANSI), Kadokami (ATENA)
  - NRRC Management: Takahashi, Shirai, Umeki, Yamanaka, Inada, Yamamoto
  - Organizer: Okamoto (NRRC)

#### 4. Proceedings:

##### **(1) R&D Results of FY2018**

NRRC presented the R&D results of FY2018.

##### **(2) Activities of NRRC**

NRRC reported on the Overview of NRRC's activities

(Remark of the NRRC head)

I will talk about a US utility's successful case. In the 1970s, an intervener group asked the USNRC to shut down an operating nuclear power plant because it was close to a big city. The utility undertook an initiative that utilized risk information. Despite the fact that the USNRC did not have guidance as to how to use risk information at that time, the utility did a Level 3 PRA and persuaded the USNRC's Atomic Safety and Licensing Board that the risk was very low and that some plant modifications would be effective in reducing the risk.

There were no safety goals and no regulatory guide at the time. However, the utility and the Board held discussions using risk information. This was a big achievement that led to various regulatory actions using risk information.