

Summary of 34th Technical Conference

1. Date: May 6, 2021 (Thu.) 15:00 - 17:00
2. Place: Web meeting (Meeting Room at Nuclear Risk Research Center, Central Research Institute of Electric Power Industry)
3. Participants:
 - Chair: Ueda (NRRC)
 - Members: Makino (Hokkaido EPCO), Tada (Tohoku EPCO), Yamamoto, Takeda (TEPCO Holdings), Ozaki, Umeki (Chubu EPCO, substitute for Nakagawa), Fukumura (Hokuriku EPCO), Miyata, Yoshihara, Iwamori (Kansai EPCO, substitute for Tada), Yamamoto (Chugoku EPCO), Watanabe (Shikoku EPCO), Honda (Kyushu EPCO), Yamaguchi (JAPC), Oogaki (JNFL), Ishikura (J-Power), Kawamura (Toshiba), Takii (Hitachi-GE), Ikeda (MHI), Nakaguma (FEPC), Ozawa (JEMA), Nishimura (JANSI, substitute for Kurata), Shimeno (ATENA), Takahashi, Furuta, Asaoka, Nishi, Iwashima, Kita, Inada, Yamamoto (NRRC)

4. Proceedings:

(1) NRRC research results of FY 2020

○NRRC presented of research results of FY2020.

(Remarks from members ◆Industry members, ◇CRIEPI members)

- ◆ Regarding "Level 1 and Level 2 tsunami PRA technology for actual plant", what kind of issues are there in applying the research results to actual machines?
- ◇ There are two types of technical issues when applying research results to actual machines. There are two issues, one is that it will be necessary on a work basis when applying it to an actual machine in another plant, and the other is that it will be further enhanced in the medium to long term. Basically, we think that we have been able to show the method that electric power companies can use as a tool for tsunami PRA and the concept of model construction. This time, we are using a severe accident analysis code called MAAP5, but since each electric power company is currently reviewing with MAAP4, the issue of migrating from MAAP4 to MAAP5 is a straightforward work base.
- ◆ I understand that the examination of the Region of "improving the reliability of probabilistic seismic motion evaluation based on the US SSHAC Guide" is a rational method. On the other hand, there is also concern that the examination method specific to each site may be restricted. Therefore, I would like you to

comprehensively consider not only the advantages of evaluating Region but also the disadvantages.

(2) Status of NRRC Activities

○NRRC reported on "Efforts to utilize and improve the technical infrastructure for RIDM" and "Activity status of the Earthquake PRA Advancement Sub-WG".