“Application of cavitation jet technique to operating nuclear power plant”

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A decontamination technology developed by the Mitsubishi Group was introduced. Reporting was made on the development of the radioactive crud removal system using cavitation jet technology.

The characteristics of cavitation jet technology include the following.

- More effective than the crud removal method with air pressure
- The crud removal effect is exerted in a wide range by use of water.
- Shielding by water contributes to the reduction of dose exposure.
- Highly effective also in compact facilities
- Capable of inhibiting damage in the surface by enabling short-term decontamination

Given that the application of this technology conforms to the principle of ALARA, the company is committed to further promote the adoption of it.