

Overview of filter vent equipment

- The filter vent equipment is installed for venting of gases from a containment vessel through a filter in the event of a buildup of pressure within the containment vessel after damage to the reactor core. This is to depressurize the vessel and prevent it from being damaged, while also reducing the amount of radioactive particulates (cesium, etc.) released to the atmosphere and preventing long-term soil contamination.
- The filter vent equipment would allow the amount of radioactive particulates released to be reduced to less than 1/1000. (Over 99.9% would be removed.)

Schematic diagram of filter vent equipment

