

Overall Integrated Plan Submittals (Order EA-13-109)

Vent Size and Basis

What is the nominal diameter of the vent pipe in inches/

Is the basis determined by venting at containment design pressure, PCPL, or some other criteria (e.g. anticipatory venting)?

Vent Capacity

What is the plants licensed power? Discuss any plans for possible increases in licensed power (e.g. MUR, EPU).

Indicate any exceptions to the 1% decay heat removal criteria, including reasons for the exception.

Provide the heat capacity of the suppression pool in terms of time versus saturation, assuming suppression pool is the injection source.

Piping and Instrumentation Diagrams

Include a piping and instrumentation diagram of the vent system. Demarcate the valves (in the vent piping) between the currently existing and new ones.

Include a failure evaluation table, including any measures to provide enhanced reliability of the system.

Instruments

Provide a list of instruments that will be required to operate the vent system (e.g. pressure, temperature, level, flow) including any others that are required by the vent Order.

Clearly indicate which of those already exist in the plant and what others will be newly installed (to comply with the vent order)

Power and Pneumatic Supply Sources

Provide a discussion of electrical power requirements, including a description of dedicated 24 hour power supply from permanently installed sources.

Include a similar discussion as above for the valve motive force requirements

Indicate the area in the plant from where the installed/dedicated power and pneumatic supply sources are coming

Indicate the areas where portable equipment will be staged after the 24 hour period, the dose fields in the area, and any shielding that would be necessary in that area.

Any shielding that would be provided in those areas

Location of Control Panels

Indicate the location of the panels, and the dose fields in the area during severe accidents

Any shielding that would be required in the area

Hydrogen

State which approach or combination of approaches will the plant take to address the control of flammable gases, clearly demarcating the segments of vent system to which an approach applies

Unintended Cross Flow of Vented Fluids

Provide a description to eliminate/minimize unintended cross flow of vented fluids with emphasis on interfacing ventilation systems (e.g. SGTs). What design features are being included to prevent leakage through interfacing dampers?