

Boundary drawings are numbered by unit, system and a drawing identifier. The format is [unit]-[system number]-[drawing identifier].

Red highlighting shows components that are credited by the CLB for performing an intended function as defined in 10 CFR 54.4(a)(1), (a)(2) or (a)(3).

Bright green highlighting shows components that are in scope because they provide mechanical support to safety-related components per 10 CFR 54.4(a)(2), and do not meet one of the other scoping criteria

Where portions of a system that are in scope for (a)(2) transition to a non-safety building, the blue highlighting stops and dark green lines indicates that building boundary

One sided flags indicate the limit of a system where equipment beyond the flag is not in scope and does not require equivalent anchor identification.

Green callout boxes show the limits of equivalent anchors and have letters corresponding to the letters in the safety/non safety transition boxes.

Drawings include continuation pointers to other drawings using "Fig. [Sys]-[number]" format. The numbers correspond to the LR drawing numbers with the Unit designation omitted, unless the pointer is to the opposite unit.

Pipe caps and pipe plugs do not perform a pressure or leakage boundary function. They are considered housekeeping appliances and are not within the scope of License Renewal. System integrity is provided by upstream isolation valves.



- Depicted LR Systems:**

- LR Drawing 1-21-1 Rev. 5
Main Steam System (MS)

FENOC
FirstEnergy Nuclear Operating Company