

Update of DOE-EH-0545 Rules for Seismic Adequacy of Piping Systems.

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The rules for the evaluation of the seismic adequacy of piping and tubing systems in DOE facilities are addressed in Procedure DOE-EH-0545 Part 10.1. These rules were developed in the 1990's specifically for Procedure DOE-EH-0545 (1997) since piping systems are not addressed in the SQUG GIP. In 2020, the DOE Office of Nuclear Safety lead an effort to update DOE-EH-0545 (1997). This includes the update of Part 10.1 Piping Systems to reflect (a) lessons learned from implementation over the last three decades, and (b) updates to the corresponding national Codes and Standards. This paper explains the changes introduced to Part 10.1 Piping Systems as part of the 2020 update of DOE-EH-0545.