

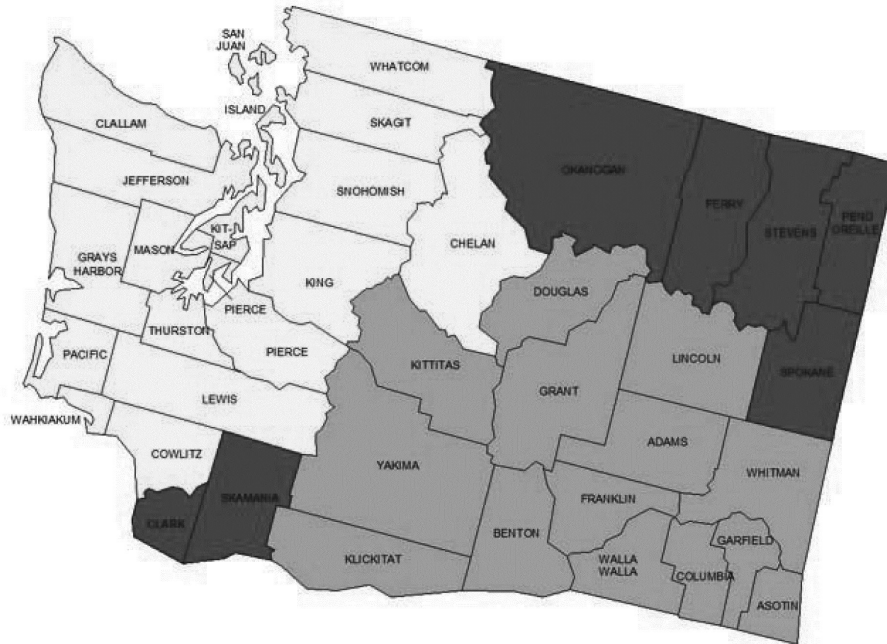
WAC 51-51-60101 Appendix F radon control methods.

AF101.1 General. This appendix contains requirements for new construction in jurisdictions where radon-resistant construction is required.

Inclusion of this appendix by jurisdictions shall be required in high radon potential counties as determined in Figure AF101 and as listed in Table AF101(1).

Unvented crawl spaces are not permitted in any high radon potential county. In other areas, requirements of this appendix apply to any structure constructed with unvented crawl spaces as specified in R408.3.

[FIGURE AF101 EPA MAP OF RADON ZONES LEGEND]



- ZONE 1 HIGH POTENTIAL (GREATER THAN 4 pCi/L^a)[Red/Darkest]
- ZONE 2 MODERATE POTENTIAL (FROM 2 TO 4 pCi/L)[Orange/Midrange]
- ZONE 3 LOW POTENTIAL (LESS THAN 2 pCi/L)[Yellow/Lightest]

a. pCi/L standard for picocuries per liter of radon gas. EPA recommends that all homes that measure 4 pCi/L and greater be mitigated.

The United States Environmental Protection Agency and the United States Geological Survey have evaluated the radon potential in the United States and have developed a map of radon zones designed to assist building officials in deciding whether radon-resistant features are applicable in new construction.

The map assigns each of the 3,141 counties in the United States to one of three zones based on radon potential. Each zone designation reflects the average short-term radon measurement that can be expected to be measured in a building without the implementation of radon control methods. The radon zone designation of highest priority is Zone 1. Table 1 of this appendix lists the Zone 1 counties illustrated on the map. More detailed information can be obtained from state-specific booklets (EPA-402-R-93-021 through 070) available through State Radon Offices or from U.S. EPA Regional Offices.

TABLE AF101(1) HIGH RADON POTENTIAL (ZONE 1) COUNTIES^A

WASHINGTON: Clark, Ferry, Okanogan, Pend Oreille, Skamania, Spokane, Stevens.

a. EPA recommends that this county listing be supplemented with other available state and local data to further understand the radon potential of Zone 1 areas.

[Statutory Authority: RCW 19.27.074, 19.27.020, and chapters 19.27 and 34.05 RCW. WSR 07-01-090, § 51-51-60101, filed 12/19/06, effective 7/1/07.]

Reviser's note: The brackets and enclosed material in the text of the above section occurred in the copy filed by the agency.