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 Category: state government  
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There is a 10-mile Emergency Planning Zone (EPZ) around the Millstone Nuclear Power Station in Waterford that has been established for emergency planning and preparedness purposes. 159 sirens are spread throughout the ten towns in the EPZ



for alerting the public to an emergency. The Department of Emergency Management & Homeland Security's Radiological Emergency Preparedness (REP) Division uses GIS to map the areas in the EPZ that are within range of those sirens. Each EPZ town has both digital and printed copies of the individual siren maps in their town and the overall siren coverage map. When the sirens sound, the public is directed to tune their

radio or television to a station broadcasting emergency information. (Emergency instructions and the list of stations can be found in the local phone book.) If a particular siren should malfunction, there are neighboring sirens in the area that may be heard. Mapping the range of each siren by decibel level allows emergency preparedness officials to see the coverage limits, and the residential streets that may not be covered by adjacent sirens. In an emergency, and during a drill, town responders use their set of siren maps to do the alerting in person, using vehicles with bullhorns and loud speakers. These maps let responders see ahead of time what streets may need extra attention when the siren alert is sounded.

