

**SB 360 STAFF MEASURE SUMMARY**

**Senate Committee On Energy and Environment**

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**Prepared By:** Beth Reiley, LPRO Analyst

**Meeting Dates:** 3/23

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**WHAT THE MEASURE DOES:**

Exempts small modular reactors from certain siting restrictions that apply to nuclear-fueled thermal power plants. Requires small modular reactors to be sited in city or county where electors of city or county have approved small modular reactors being located in city or county. Requires emergency planning zones for small modular reactors to be located in county where electors of county have approved small modular reactors being located in county. Requires proposed disposal of high-level radioactive waste by small modular reactor to comport with process approved or adopted by United States Nuclear Regulatory Commission.

**ISSUES DISCUSSED:**

**EFFECT OF AMENDMENT:**

No amendment.

**BACKGROUND:**

According to the Department of Energy, Office of Nuclear Energy Advanced Small Modular Reactors (SMRs) are currently under development in the United States and represent a variety of sizes, technology options, capabilities, and deployment scenarios. These reactors, are envisioned to vary in size from tens of megawatts up to hundreds of megawatts, can be used for power generation, process heat, desalination, or other industrial uses. SMR designs may employ light water as a coolant or other non-light water coolants such as a gas, liquid metal, or molten salt.