



UNITED STATES ENVIRONMENTAL PROTECTION
AGENCY

Washington, DC 20460

October 7, 2022

OFFICE OF
AIR AND
RADIATION

Mark Baker
President, Soft Lights Foundation
9450 SW Gemini Drive
PMB 44671
Beaverton, OR 97008

Mr. Baker,

Thank you for your December 7, 2021, letter to Administrator Regan. I am the Director of the Radiation Protection Division and am writing to address your concerns.

The EPA sets protective limits on the ionizing radiation in the environment that comes from human use of radioactive elements such as uranium. Congress has not granted the EPA any statutory authority to regulate visible light or non-ionizing radiation that is emitted from electrical devices, including LEDs. For that reason, the EPA does not regulate artificial light, radiation from LEDs, or other visible electromagnetic radiation, and we do not maintain experts in this field.

While this subject is outside the scope of what the EPA has the authority to address, we can point you in the direction of some resources that may be helpful. The National Council of State Legislators (NCSL) has a website dedicated to light pollution, which includes the different states and municipalities that have laws and/or regulations associated with the subject that your inquiry highlights:
<https://www.ncsl.org/research/environment-and-natural-resources/states-shut-out-light-pollution.aspx>.

I hope you find this information helpful. Once again, thank you for taking the time to write with your concerns.

Sincerely,

Lee Ann B. Veal
Director, Radiation Protection Division
Office of Radiation and Indoor Air