

newsworthy trends

Radiation Enhances Everyday Lives

(NAPS)—One out of every three hospital patients directly benefits from nuclear technology. Medical applications of radiation and radioisotopes in diagnosing and treating ailments are familiar to many people. However, few recognize the vital roles nuclear technologies play in agriculture, manufacturing, public safety, and environmental protection.



Producing newsprint is easier using radioactive materials to measure the thickness of paper.

Although familiar with nuclear technologies that generate electricity and allow us to burn less fossil fuel, people may not know that herbs, pork, poultry, spices, fruits and vegetables are often sanitized and preserved by radiation. Radioisotopes help manufacturers measure engine wear and produce better car engines.

Nuclear technology benefits public safety with x-rays that contribute to airport security and smoke detectors that protect families at home. Nuclear techniques help to address pollution problems such as smog, sewage disposal, and oil spillage.

For more details about nuclear science, visit the American Nuclear Society at www.ans.org/pi/np/applications.