

Dear Educator,

This package contains energy and nuclear energy games, activities and presentations. They are intended as teaching aids for the discussion of radiation and energy with an emphasis on nuclear energy. They serve to increase science processing skills and thereby science literacy. They are not just aimed at educating the population that will work in this industry in the future. The intent is to provide for broad-based education of future community leaders, politicians, and journalists thereby generating an energy-literate society.

The lesson plans and labs were created by a number of expert educators for use in junior high and high school classrooms to teach the concepts related to energy. They are for your use and the creators encourage you to augment or modify them to better fit the grade and/or subject matter that you teach. Included in this package are three presentations intended to be delivered by a scientist or a science teacher. Two of them focus on radiation with the purpose of showing that natural radiation is part of our everyday lives and man-made radiation has many useful benefits and can be managed safely when handled properly. The other presentation compares and contrasts all energy forms and their impact on the environment. The purpose is to show that economic growth depends on an economical and efficient supply of electricity.

The educators who developed this information realize that it provides junior high and high school students with basic concepts and fundamental principles. They also realize that students need to know how this information, provided in an academic environment, applies to real-world situations. The intent of this information is to help teach students how to apply academic knowledge in a career.

The goal of combining professional educators with industry is to promote an energy-conscious and energy-educated society. By knowing the economic growth objectives from the business community's point of view, teachers can combine the study of science, energy, social studies, and math with real-world experience to better prepare students for higher education studies and involvement in the corporate world.

The Power Path to Nuclear Energy program can spark an early interest in nuclear science. Entergy hopes the curriculum will encourage Mississippi students toward career choices related to nuclear power production. By helping create better educational opportunities for schoolchildren, Entergy is ensuring a better future for Mississippi.

We thank you for your interest in helping to create an energy-literate community. We specifically want to thank the educators and scientists, who contributed material, reviewed material, advised on content, tried the material, or served to edit the contents of this package.

Sincerely,

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