



Match-Up

Write the letter of the correct match in the box next to each problem.

- | | | |
|--------------------------|---|---------------|
| <input type="checkbox"/> | 1. Energy given off by matter. This energy is in the form of particles or electromagnetic rays or waves. | A. Academic |
| <input type="checkbox"/> | 2. Power that is produced from physical or chemical resources. It can provide heat and light. | B. Atom |
| <input type="checkbox"/> | 3. Leftover material produced during the nuclear fuel cycle. It can be high level or low level. | C. Energy |
| <input type="checkbox"/> | 4. Radioactive materials are used at _____ institutions for education and research. | D. Fission |
| <input type="checkbox"/> | 5. When an atom splits and energy is released. The energy is usually in the form of heat. This process can produce e electricity. | E. Inspector |
| <input type="checkbox"/> | 6. A person who assesses the nuclear reactors and makes sure everything is working properly. | F. NRC |
| <input type="checkbox"/> | 7. The acronym for the agency in charge of regulating the commercial nuclear industry. | G. Nuclear |
| <input type="checkbox"/> | 8. The smallest component of an element. It contains neutrons, protons and electrons. | H. Medical |
| <input type="checkbox"/> | 9. The heart of a nuclear power plant, where nuclear fission is started and controlled. | I. Radiation |
| <input type="checkbox"/> | 10. A radioactive element with the atomic number 92. It is used as fuel in some nuclear reactors. | J. Reactor |
| <input type="checkbox"/> | 11. Nuclear reactor fuel that has been depleted from use. | K. Uranium |
| | | L. Security |
| | | M. Spent Fuel |
| | | N. Waste |