Nuclear Energy and Radioactive Materials

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| **Across**  **3.** Nuclear power emits low amount of \_\_\_\_\_\_\_\_.  **5.**  Some radioactive materials are uranium and \_\_\_\_\_\_\_\_\_.  **9.** Nuclear energy is a \_\_\_\_\_\_\_\_\_\_\_\_ energy source.  **12.** Nuclear energy is stored here.  **20.** Radioactive materials eventually \_\_\_\_\_\_\_.  **22.**  Radioactive materials are found throughout our \_\_\_\_\_\_\_\_\_\_\_\_\_.  **23.** In nuclear plants, nuclear energy is created by splitting uranium atoms, which is called \_\_\_\_\_\_\_\_.  **24.** The only \_\_\_\_\_\_\_\_\_\_\_\_\_ source of energy is nuclear energy.  **25.**  The Italian physics who discovered nuclear energy.  **26.** Radioactive materials can be used in \_\_\_\_\_\_\_\_\_\_\_\_\_\_.  **28.** Radioactive materials can be used to develop and test the \_\_\_\_\_\_\_\_\_\_\_ of new materials.  **30.** Nuclear energy provide a affordable, \_\_\_\_\_\_\_\_ electricity | **Down**  **1.**  \_\_\_\_\_\_\_\_\_\_\_\_ is a radioactive element found in our bodies.  **2.** Many \_\_\_\_\_\_\_\_\_\_ around the world use nuclear energy  **4.**  Their energy itself is not dangerous but the way in which it is generated gives off \_\_\_\_\_\_\_\_ waste.  **6.** Radioactive \_\_\_\_\_\_\_ contain radioactive materials.  **7.** Uranium mill tailings, Reactor fuel, and other radioactive waste our waste that come from \_\_\_\_\_\_\_\_\_\_\_\_\_\_.  **8.**  Naturally occurring radioactive material can generally contain \_\_\_\_\_\_\_\_\_\_\_\_\_ found in nature.  **10.** Unwanted radioactive materials  **11.** Nuclear energy is an \_\_\_\_\_\_\_\_\_\_ source.  **13.**  Radioactive materials can be harmful or \_\_\_\_\_\_\_\_\_.  **14.** Do you active materials that decay produce ionizing \_\_\_\_\_\_\_\_\_\_.  **15.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of the US electricity is provided by nuclear energ  **16.** Radioactive materials have to be properly \_\_\_\_\_\_\_\_\_\_\_ to hospitals, nuclear power plants, industries, pharmacies, and etc.  **17.** Is mostly used in nuclear energy.  **18.** nuclear power plants use large quantities of \_\_\_\_\_\_ for steam production and cooling.  **19.**  Nuclear energy emits rarely any \_\_\_\_\_\_\_\_\_\_\_ gases.  **21.** Radioactive materials can be found in air, in soil, and in our \_\_\_\_\_\_.  **27.** Naturally occurring radioactive materials  **29.** Nuclear fission is the \_\_\_\_\_\_\_ way to create power |