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Radioactvity Crossword

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| **Across****3.** The \_\_\_\_\_\_\_\_ is split when a nuclear reaction occurs.**4.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ was one of the first scientists to document radiation.**6.** There is \_\_\_\_\_\_\_\_ radiation everywhere.**7.** \_\_\_\_\_\_\_\_\_\_\_\_\_ is used in nuclear power plants as fuel.**15.** Nuclear fusion releases large amounts of \_\_\_\_\_\_\_\_\_.**16.** When atoms continuosly are split it is called \_\_\_\_\_\_\_\_\_. **17.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are slighty radioactive . ( A fruit)**19.** In a nuclear power plant steam is used to turn a \_\_\_\_\_\_\_\_.**20.** Weapons and other military equipment are made with \_\_\_\_\_\_\_\_\_ uranium.**21.** \_\_\_\_\_\_\_\_\_ is used to cool the reactor room**24.** In a Nuclear power plant water is \_\_\_\_\_\_ to create steam.**25.** \_\_\_\_\_\_\_\_\_ powered plants give off more radiation than nuclear power plants.**26.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ waste is hazardous to all life.**27.** Exposure to radiation can cause radiation \_\_\_\_\_\_\_.**29.** \_\_\_\_\_\_\_\_\_\_ is what is emitted from nuclear waste.**30.** Nuclear fission uses \_\_\_\_\_\_\_\_\_ to split the nucleus. | **Down****1.** In \_\_\_\_\_\_\_\_ Japan a few natural disasters caused radiation to leak out.**2.** Nuclear \_\_\_\_\_\_\_\_ takes place in nuclear power plants. **5.** Nuclear \_\_\_\_\_\_\_\_ takes place in the sun.**8.** One type of radioactive decay that doesn't affect an element . **9.** Fission causes a \_\_\_\_\_\_\_\_\_ element to turn into two light elements.**10.** Nuclear power plants emit \_\_\_\_\_\_\_\_\_\_ into the air.**11.** A reactor \_\_\_\_\_\_\_\_\_\_ can cause radiation to leak into the enviornment.**12.** One type of radiocative decay starting with a B.**13.** \_\_\_\_\_\_\_\_\_\_\_\_\_ is where a nuclear reactor failed and spread radiation into the surrounding area.**14.** \_\_\_\_\_\_\_\_\_\_\_\_ regulate the rate at which nuclear fission takes places.**18.** One type of radioactive decay starting with A. **22.** Radioactive waste can take \_\_\_\_\_\_\_\_\_\_ years to decay.**23.** Nuclear power plants use \_\_\_\_\_\_\_\_\_\_ resources.**28.** Fusion causes two \_\_\_\_\_\_\_ elements to form a heavier one. |

   Uranium        Nucleus        Fission       Fusion        ChainReaction       Boiled       Turbine        WaterVapor       Radiation        Chernobyl       BetaDecay       AlphaDecay       GammaDecay       Radioactive       Neutrons       Non- Renewable       Millions       ControlRods       meltdown       Coolant        Depleted       Bananas       coal       MarieCurie       Background       Burns       Light       Heavy       Fukushima       Energy