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Nuclear physics

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|  |  |  |  |  | 6  G | R | A | Y |  |  |  | A |  | S |
| 7  E |  | 8  I | S | O | T | O | N | E | S |  |  | D | 9  I | I |
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| 11  F | L | E | A |  | 12  N |  |  |  |  | U |  | O | O | T |
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| U |  |  | 14  N | U | C | L | I | D | E | S |  | U | O | G |
| E |  |  |  |  |  | 15  R | E | M |  | I | 16  F | C | P | R |
| N |  | 17  I | A | E | A |  | V |  |  | O | I | L | E | A |
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| **Across**  **1.** Si unit of activity  **3.** Makes up everything  **4.** Non SI unit of activity  **6.** SI unit of exposure  **8.** Nuclide a that differ by change in N  **11.** High Radioactive particle that seems to move easily  **14.** All combinations of Z and A are called  **15.** Non SI unit of dose  **17.** International association  **18.** Nuclide a contain same A but have different Z and N  **19.** Process of exciting an atom | **Down**  **2.** Unit of one excitation  **5.** All unstable combinations of Z and A  **7.** Movement of radioactive material through the environment  **9.** Nuclide a that differ by change in Z  **10.** Combination of two atoms  **12.** United States regulatory agency for nuclear industries  **13.** So unit of affective dose  **16.** Division of an atom |