

Prompt P : Which country or city has the maximum number of nuclear power plants?

Initial Response R_{initial} : The United States has the highest number of nuclear power plants in the world, with 94 operating reactors. Other countries with a significant number of nuclear power plants ...

Sub-Question Q_1 : How many operating reactors does the United States have?

Sub-Answer A_1 : ... the United States had 93 operating commercial reactors at 54 nuclear power plants ...

Explanation of Factual Error E_1 : The initial response states that the United states has **94 operating reactors**, but the correct number is **93 operating reactors**.

Revised Response R_{revised} : The United States has the highest number of nuclear power plants in the world, with ~~94 operating reactors~~ **93 operating reactors**. Other countries with a significant number of ...

Figure 1: An example of revising the response with RE-EX. The initial response R_{initial} states the US has 94 operating reactors, proven inaccurate by search result A_1 . RE-EX *explains* the factual error in E_1 and revises the response accordingly.