Reactors Unavailability of French Nuclear Reactors in 2021 Flamanville-2 Golfech-1 Cumulated Duration of Unavailability at Zero Power (in Days) Cattenom-4 Chinon-4 Belleville-1 St Alban-2 Penly-2 Cruas-3 St Alban-1 Dampierre-4 Tricastin-4 Bugey-2 Planned Unavailability Forced Unavailability Tricastin-3 Average full outage time Nogent-1 by reactor: 103.8 days Blayais-1 Blayais-3 Nogent-2 Paluel-4 2021 Gravelines-3 Dampierre-2 Unavailabilities at zero power affecting the French nuclear Tricastin-1 fleet reached a total of 5,810 reactor-days, an average of Bugey-3 Paluel-2 103.5 days per reactor. Cruas-4 Belleville-2 All of the 56 reactors were affected, with cumulated Paluel-3 Cruas-2 outages ranging from 8.9 days and to almost 272 days. Penly-1 Blavais-4 Chinon-1 Cattenom-2 © WNISR - MYCLE SCHNEIDER CONSULTING Chooz-1 Cattenom-1 Gravelines-5 Chinon-2 Chinon-3 Blayais-2 St Laurent-2 Dampierre-3 Gravelines-6 Civaux-1 Gravelines-2 Gravelines-1 Flamanville-1 Cruas-1 Bugey-5 St Laurent-1 Gravelines-4 Bugey-4 Tricastin-2 Paluel-1 Chooz-2 Cattenom-3 Golfech-2 Civaux-2 Dampierre-1 Cumulated Duration of Unavailabilities (in Days)

Figure 29 · Forced and "Planned" Unavailability of Nuclear Reactors in France in 2021

Sources: compiled by WNISR, with RTE and EDF REMIT Data, 2021-2022

Notes:

This graph only compiles outages at zero power, thus excluding all other operational periods with reduced capacity >0 MW. Impact of unavailabilities on power production is therefore significantly larger.

"Planned" and "Forced" unavailabilities as declared by EDF.